

STN	Hydrometria Meranie prietoku v otvorených korytách s použitím priepadov s trojuholníkovým profilom	STN ISO 4360 75 1115
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Hydrometry
Open channel flow measurement using triangular profile weirs

Hydrométrie
Mesure de débit des liquides dans les canaux découverts au moyen de déversoirs à profil triangulaire

Táto slovenská technická norma obsahuje anglickú verziu medzinárodnej normy ISO 4360: 2020 a má postavenie oficiálnej verzie.

This Slovak standard includes the English version of the International standard ISO 4360: 2020 and has the status of the official version.

Nahradenie predchádzajúcich slovenských technických noriem

Táto slovenská technická norma nahrádza STN ISO 4360 z apríla 2010 v celom rozsahu.

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Anotácia

Tento dokument špecifikuje metódy na meranie prietoku vody v otvorených korytách pri ustálených podmienkach prúdenia s použitím priepadov s trojuholníkovým profilom. Uvažované prietokové podmienky predstavujú dokonalý prepad, ktorý je jednoznačne závislý od výšky hladiny vody nad priepadom a nedokonalý (zatopený) prepad, ktorý závisí tak na výške hladiny pod priepadom ako aj nad priepadom.

Národný predhovor

Normatívne referenčné dokumenty

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POZNÁMKA 2. – Aktuálne informácie o platných a zrušených STN možno získať na webovom sídle www.unms.sk.

ISO 772 prijatá ako STN EN ISO 772 Hydrometria. Slovník a značky (ISO 772) (75 0100)

Vypracovanie slovenskej technickej normy

Spracovateľ: Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, Bratislava

Technická komisia: TK 64 Hydrológia a meteorológia

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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 on 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 113, *Hydrometry*, Subcommittee SC 2, *Flow measurement structures*.

This fourth edition cancels and replaces the third edition (ISO 4360:2008), which has been technically revised.

The main changes compared to the previous edition are as follows.

- The calculations and examples have been updated to correct an error in the previous edition.
- A URN has been added containing a spreadsheet that has been developed to support the standard and facilitate calculation of discharge and uncertainty (see [Annex C](#)).

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.

Hydrometry — Open channel flow measurement using triangular profile weirs

1 Scope

This document specifies methods for the measurement of the flow of water in open channels under steady flow conditions using triangular profile weirs. The flow conditions considered are steady flows which are uniquely dependent on the upstream head and non-modular (drowned) flows which depend on downstream as well as upstream levels.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 772, *Hydrometry — Vocabulary and symbols*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN