Hydrometry - Selection, establishment and operation of a 18.

A Dietich Generalie de Ditte **gauging station (ISO 18365:2013)**



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.
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See Eesti standard EVS-EN ISO 18365:2013 sisaldab Euroopa standardi EN ISO 18365:2013 inglisekeelset teksti.	This Estonian standard EVS-EN ISO 18365:2013 consists of the English text of the European standard EN ISO 18365:2013.

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EUROPEAN STANDARD

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English Version

Hydrometry - Selection, establishment and operation of a gauging station (ISO 18365:2013)

Hydrométrie - Sélection, établissement et exploitation d'une station hydrométrique (ISO 18365:2013)

Hydrometrie - Auswahl, Einrichtung und Betrieb einer Pegelstation (ISO 18365:2013)

This European Standard was approved by CEN on 19 November 2013.

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

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Foreword

This document (EN ISO 18365:2013) 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of an identical text or by endorsement, at the latest by June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

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Endorsement notice

oved by The text of ISO 18365:2013 has been approved by CEN as EN ISO 18365:2013 without any modification.

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Hydrometry — Selection, establishment and operation of a gauging station

1 Scope

This International Standard gives requirements for the establishment and operation of a gauging station for the measurement of stage, or stage and discharge, of a lake, reservoir, river or canal or other artificial open channel. It also describes how a gauging station utilizing one of the measurement methods listed should be operated and maintained.

Requirements are provided for stage only measurement stations, stage-discharge stations and directdischarge measurement stations in natural channels, as well as for stage-discharge stations with artificial structures. Additionally, some requirements are given for measurements under difficult conditions, such as under ice conditions.

Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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

Terms, definitions and symbols

For the purposes of this document, the terms, definitions and symbols given in ISO 772 apply.

4 General requirements and considerations

4.1 Requirements

Before commencing work on establishment and operation of a gauging station, the following requirements shall be identified:

- range of levels required to be measured;
- b) range of flows required to be measured;
- c) customer's requirements for type of data;
- d) customer's requirements for timeliness of data;
- e) allowable uncertainty in the results;
- other potential users of the data;
- g) life expectancy of the station;
- h) available budget;
- agreements for access to land and construction permits.