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

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 04.12.2013.	Date of Availability of the European standard is 04.12.2013.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 17.120.20

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 18365

December 2013

ICS 17.120.20

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)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN ISO 18365:2013 E

Foreword

This document (EN ISO 18365:2013) has been prepared by Technical Committee ISO/TC 113 “Hydrometry” in collaboration with Technical Comm*i*ttee 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of an identical text or by endorsement, at the latest by June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

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

Contents

Page

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 direct-discharge 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.

2 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*

3 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:

a) 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;

f) other potential users of the data;

g) life expectancy of the station;

h) available budget;

i) agreements for access to land and construction permits.