



SLOVENSKI STANDARD
oSIST prEN ISO 17892-1:2013
01-julij-2013

Geotehnično preiskovanje in preskušanje - Laboratorijsko preskušanje zemljin - 1. del: Ugotavljanje vlažnosti (ISO/DIS 17892-1:2013)

Geotechnical investigation and testing - Laboratory testing of soil - Part 1: Determination of water content (ISO/DIS 17892-1:2013)

Geotechnische Erkundung und Untersuchung - Laborversuche an Bodenproben - Teil 1: Bestimmung des Wassergehalts (ISO/DIS 17892-1:2013)

Reconnaissance et essais géotechniques - Essais de laboratoire sur les sols - Partie 1: Détermination de la teneur en eau (ISO/DIS 17892-1:2013)

Ta slovenski standard je istoveten z: prEN ISO 17892-1

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ICS:

13.080.20	Fizikalne lastnosti tal	Physical properties of soils
93.020	Zemeljska dela. Izkopavanja.	Earthworks. Excavations.
	Gradnja temeljev. Dela pod zemljo	Foundation construction. Underground works

oSIST prEN ISO 17892-1:2013

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN ISO 17892-1

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Will supersede CEN ISO/TS 17892-1:2004

English Version

Geotechnical investigation and testing - Laboratory testing of soil - Part 1: Determination of water content (ISO/DIS 17892-1:2013)

Reconnaissance et essais géotechniques - Essais de laboratoire sur les sols - Partie 1: Détermination de la teneur en eau (ISO/DIS 17892-1:2013)

Geotechnische Erkundung und Untersuchung - Laborversuche an Bodenproben - Teil 1: Bestimmung des Wassergehalts (ISO/DIS 17892-1:2013)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 341.

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.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (prEN ISO 17892-1:2013) has been prepared by Technical Committee CEN/TC 341 "Geotechnical Investigation and Testing", the secretariat of which is held by ELOT, in collaboration with Technical Committee ISO/TC 182 "Geotechnics".

This document is currently submitted to the parallel Enquiry.

This document will supersede CEN/ISO/TS 17892-1:2004.

Endorsement notice

The text of ISO/DIS 17892-1:2013 has been approved by CEN as prEN ISO 17892-1:2013 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 17892-1

ISO/TC 182/SC 1

Secretariat: DIN

Voting begins on
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2013-09-11

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Geotechnical investigation and testing — Laboratory testing of soil —

Part 1: Determination of water content

Reconnaissance et essais géotechniques — Essais de laboratoire sur les sols —

Partie 1: Détermination de la teneur en eau

[Revision of first edition (ISO/TS 17892-1:2004) and ISO/TS 17892-1:2004/Cor.1:2006]

ICS 13.080.20; 93.020

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the European Committee for Standardization (CEN), and processed under the **CEN-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.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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ISO/DIS 17892-1

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 17892-1 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 341, *Geotechnical investigation and testing*, in collaboration with Technical Committee ISO/TC 182, *Geotechnics*, Subcommittee SC 01, *Geotechnical testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

ISO 17892-1 cancels and replaces ISO/TS 17892-1:2004 which has been technically revised.

ISO 17892 consists of the following parts, under the general title *Geotechnical investigation and testing — Laboratory testing of soil*:

- *Part 1: Determination of water content*
- *Part 2: Determination of bulk density*
- *Part 3: Determination of particle density*
- *Part 4: Determination of particle size distribution*
- *Part 5: Incremental loading oedometer test*
- *Part 6: Fall cone test*
- *Part 7: Unconfined compression test on fine-grain soils*
- *Part 8: Unconsolidated undrained triaxial test*
- *Part 9: Consolidated triaxial compression tests on water saturated soils*
- *Part 10: Direct shear tests*
- *Part 11: Determination of permeability by constant and falling head*
- *Part 12: Determination of the Atterberg limits*