



SLOVENSKI STANDARD
SIST-TS CEN ISO/TS 22476-11:2008
01-julij-2008

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Geotechnical investigation and testing - Field testing - Part 11: Flat dilatometer test (ISO 22476-11:2005)

Geotechnische Erkundung und Untersuchung - Felduntersuchungen - Teil 11:
Flachdilatometerversuch (ISO 22476-11:2005)

Reconnaissance et essais géotechniques - Essais en place - Partie 11: Essai au
dilatomètre plat (ISO 22476-11:2005)

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Ta slovenski standard je istoveten z: CEN ISO/TS 22476-11:2005

ICS:

93.020	Zemeljska dela. Izkopavanja.	Earthworks. Excavations.
	Gradnja temeljev. Dela pod	Foundation construction.
	zemljo	Underground works

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ICS 93.020

English version

**Geotechnical investigation and testing - Field testing - Part 11:
Flat dilatometer test (ISO 22476-11:2005)**

Reconnaissance et essais géotechniques - Essais en place
- Partie 11: Essai au dilatomètre plat (ISO 22476-11:2005)

Geotechnische Erkundung und Untersuchung -
Felduntersuchungen - Teil 11: Flachdilatometerversuch
(ISO 22476-11:2005)

This Technical Specification (CEN/TS) was approved by CEN on 23 August 2004 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (CEN ISO/TS 22476-11:2005) has been prepared by Technical Committee CEN/TC 341 "Geotechnical Investigation and Testing", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 182 "Geotechnics".

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this CEN Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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**Geotechnical investigation and testing —
Field testing —**

**Part 11:
Flat dilatometer test**

*Reconnaissance et essais géotechniques — Essais en place —
Partie 11: Essai au dilatomètre plat*
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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.

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.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of normative document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed after three years in order to decide whether it will be confirmed for a further three years, revised to become an International Standard, or withdrawn. If the ISO/PAS or ISO/TS is confirmed, it is reviewed again after a further three years, at which time it must either be transformed into an International Standard or be withdrawn.

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/TS 22476-11 was prepared by Technical Committee ISO/TC 182, *Geotechnics*, Subcommittee SC 1, *Geotechnical investigation and testing*.

ISO/TS 22476 consists of the following parts, under the general title *Geotechnical investigation and testing* — *Field testing*:

- *Part 1: Electrical cone and piezocone penetration tests*
- *Part 2: Dynamic probing*
- *Part 3: Standard penetration test*
- *Part 4: Ménard pressuremeter test*
- *Part 5: Flexible dilatometer test*
- *Part 6: Self-boring pressuremeter test*
- *Part 7: Borehole jack test*
- *Part 8: Full displacement pressuremeter test*
- *Part 9: Field vane test*
- *Part 10: Weight sounding test*
- *Part 11: Flat dilatometer test*
- *Part 12: Mechanical cone penetration test*
- *Part 13: Plate loading test*

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EN ISO 22476 *Geotechnical investigation and testing - Field testing* has the following parts:

- Part 1: Electrical cone and piezocone penetration tests
- Part 2: Dynamic probing
- Part 3: Standard penetration test
- Part 4: Ménard pressuremeter test
- Part 5: Flexible dilatometer test
- Part 6: Self-boring pressuremeter test (TS)¹⁾
- Part 7: Borehole jack test
- Part 8: Full displacement pressuremeter test (TS)¹⁾
- Part 9: Field vane test
- Part 10: Weight sounding test (TS)¹⁾
- Part 11: Flat dilatometer test (TS)¹⁾
- Part 12: Mechanical cone penetration test
- Part 13: Plate loading test.

¹⁾ TS Technical Specification.