
; YchM b] bc`dfY]g_cj Ub^Y]b`dfYg_i yUb^Y!`DfYg_i yUb^Y`bUHfYbi `!`%\$`"XY.
HYybcgfb]gcbX]fb]dfYg_i g`fIGC#HG`&&(+*!%\$.&\$) Ł

Geotechnical investigation and testing - Field testing - Part 10: Weight sounding test
(ISO/TS 22476-10:2005)

Geotechnische Erkundung und Untersuchung - Felduntersuchungen - Teil 10:
Gewichtssondierung (ISO/TS 22476-10:2005)

Reconnaissance et essais géotechniques - Essais en place - Partie 10: Essai de
sondage par poids (ISO/TS 22476-10:2005)

<https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfe7c24/sist-ts-cen-iso-ts-22476-10-2008>

Ta slovenski standard je istoveten z: CEN ISO/TS 22476-10:2005

ICS:

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

SIST-TS CEN ISO/TS 22476-10:2008 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST-TS CEN ISO/TS 22476-10:2008

<https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4df7c24/sist-ts-cen-iso-ts-22476-10-2008>

ICS 93.020

English version

**Geotechnical investigation and testing - Field testing - Part 10:
Weight sounding test (ISO 22476-10:2005)**

Reconnaissance et essais géotechniques - Essais en place
- Partie 10: Essai de sondage par poids (ISO 22476-
10:2005)

Geotechnische Erkundung und Untersuchung -
Felduntersuchungen - Teil 10: Gewichtssondierung (ISO
22476-10:2005)

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.

[SIST-TS CEN ISO/TS 22476-10:2008](https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008)

<https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008>



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 22476-10:2005) 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.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST-TS CEN ISO/TS 22476-10:2008](https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008)

<https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008>

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

**Part 10:
Weight sounding test**

*Reconnaissance et essais géotechniques — Essais en place —
Partie 10: Essai de sondage par poids*
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 22476-10:2008
https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4df7c24/sist-ts-cen-iso-ts-22476-10-2008](https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4df7c24/sist-ts-cen-iso-ts-22476-10-2008)



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST-TS CEN ISO/TS 22476-10:2008](https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008)

<https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfc7c24/sist-ts-cen-iso-ts-22476-10-2008>

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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 22476-10 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*

Contents

Page

Foreword	v
Introduction.....	vi
1 Scope	1
2 Normative references.....	1
3 Terms and definitions	1
4 Equipment.....	1
4.1 Penetrometer tip	1
4.2 Weight loading system	2
4.3 Rods.....	3
5 Test procedure.....	3
5.1 Calibration and checks	3
5.2 Use of predrilling and casing	3
5.3 Manual weight sounding	3
5.4 Mechanised weight sounding	3
6 Test results	4
7 Report	4
7.1 Field report.....	4
7.2 Test report.....	4
Bibliography.....	6

[SIST-TS CEN ISO/TS 22476-10:2008
https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfe7c24/sist-ts-cen-iso-ts-22476-10-2008](https://standards.iteh.ai/catalog/standards/sist/9621fe14-9266-47dc-9162-679c4dfe7c24/sist-ts-cen-iso-ts-22476-10-2008)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Foreword

This document CEN ISO/TS 22476-10:2004 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 Technical Specification: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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.