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Geotechnical investigation and testing — Laboratory testing of soil —

Part 11:

Determination of permeability by constant and falling head

Reconnaissance et essais géotechniques — Essais de sol au laboratoire —

Partie 11: Détermination de la perméabilité au perméamètre à charge constante ou variable



ISO/TS 17892-11:2004(E)

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
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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 17892-11 was prepared by the European Committee for Standardization (CEN) in collaboration with Technical Committee ISO/TC 182, *Geotechnics*, Subcommittee SC 1, *Geotechnical investigation and testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this document, read "...this European pre-Standard..." to mean "...this Technical Specification...".

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 density of fine-grained soil
- Part 3: Determination of particle density Pycnometer method
- Part 4: Determination of particle size distribution
- Part 5: Incremental loading oedometer test
- Part 6: Fall cone test

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- Part /: Unconfined compression test on fine-grained soil
- Part 8: Unconsolidated undrained triaxial test
- Part 9: Consolidated triaxial compression tests on water-saturated soil
- Part 10: Direct shear tests
- Part 11: Determination of permeability by constant and falling head
- Part 12: Determination of the Atterberg limits

Contents Foreword		Page	
		vi	
1	Scope	1	
2	Normative references	1	
3	Terms and definitions	1	
4	Test procedure	2	
5	Test results	13	
Biblio	graphygraphy	16	
Figure Figure	es e 1 — Water flow in a soil specimen	1	
Figure	2 — Example for test arrangement for triaxial cell test	3	
Figure	e 3 — Example for a test arrangement for constant head permeameter test	5	
Figure	e 4 — Example for a test arrangement for compression permeameter test	6	
Figure	e 5 — Apparatus for enclosing a specimen in a rubber membrane	7	
Tables	S S		
Table '	1 — Back pressure as function of initial saturation	3	
Table 2	2 — Correction factor $lpha$ to allow for the viscosity of water	4	
Table :	3 — Classes of permeability tests	8	
Table 4	4 — Example for test arrangement as a function of soil type	8	

Foreword

This document (CEN ISO/TS 17892-11:2004) 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, 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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- Part 12: Determination of Atterberg limits

Introduction

This document covers areas in the international field of geotechnical engineering never previously standardised. It is intended that this document presents broad good practice throughout the world and significant differences with national documents is not anticipated. It is based on international practice (see [1]).

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