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IRISH STANDARD

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**GEOTECHNICAL INVESTIGATION AND
TESTING - LABORATORY TESTING OF SOIL -
PART 10: DIRECT SHEAR TESTS (ISO/TS
17892-10:2004)**

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Geotechnical investigation and testing - Laboratory testing of soil - Part 10: Direct shear tests (ISO/TS 17892-10:2004)

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Contents

	page
Foreword.....	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Equipment	6
5 Specimen	9
6 Test procedure	10
7 Test results	12
8 Test report	14
Bibliography	16
 Figures	
Figure 1 — Schematic drawing of a conventional and a parallel controlled shearbox.....	7
Figure 2 — Example of a ring shear apparatus	8
Figure 3 — Example of time-settlement-curve to determine the time for primary consolidation	10
Figure 4 — Determination of the friction angle ϕ' as a function of the void ratio e	14

Foreword

This document (CEN ISO/TS 17892-10:2004) 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, 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.

CEN ISO/TS 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.
- Part 7: Unconfined compression test of fine-grained soils.
- Part 8: Unconsolidated undrained triaxial test.
- Part 9: Consolidated triaxial compression tests.
- Part 10: Direct shear tests.
- Part 11: Permeability tests.
- 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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