

# ISO 17892-7:2017-11 (E)

## Geotechnical investigation and testing - Laboratory testing of soil - Part 7: Unconfined compression test

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols .....	2
5	Apparatus .....	2
6	Test procedure .....	4
6.1	General requirements and equipment preparation .....	4
6.2	Preparation of specimens .....	4
6.3	Initial readings .....	5
6.4	Compression .....	5
6.5	Dismounting .....	6
7	Test results .....	6
7.1	Bulk density, dry density and water content .....	6
7.2	Stress and strain during compression .....	6
7.3	Unconfined compressive strength .....	6
7.4	Undrained shear strength .....	7
8	Test report .....	7
8.1	Mandatory reporting .....	7
8.2	Optional reporting .....	7
Annex A (normative) Calibration, maintenance and checks .....		8
Bibliography .....		10