

ISO 17892-7:2017-11 (E)

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

Contents		Page
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