ISO 22476-6:2018 (E)

Geotechnical investigation and testing — Field testing — Part 6: Self-boring pressuremeter test

Contents

		Foreword	
1	Scope		
2		Normative references	
3		Terms and definitions	
4		Symbols	
5		Equipment	
	5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.7.1		General Self-boring pressuremeter probe Self-boring head Pressure and displacement CU The connecting lines The injected fluid Means of measurement and control Data acquisition Display of readings
6		Test procedure	
	6.1 6.2 6.3 6.4 6.5 6.5.1 6.5.2	l 2	Selection of equipment and procedures Calibration of the testing device and corrections of readings Probe placing Relaxation Loading program General End of test Backfilling of the borehole
7		Test re	sults — Interpretation of tests
8		Self-bo	oring pressuremeter test report
Annex	Α.	(norma	ative) Calibration and corrections
	A.1 A.2 A.2.2 A.3 A.3.2 A.3.2 A.4	1 2 1 2	Measuring devices Stiffness of cell membranes Preparation of the self-boring pressuremeter for a membrane pressure loss test Membrane stiffness correction test Membrane compression The calibration cylinder Membrane compression test Estimate of readings corrections
Annex	В	(inform	native) Placing the pressuremeter probe in the ground
	B.1 B.2		General Selecting self-boring tool
Annex	C	(norma	ative) Accuracy
	C.1		Accuracy of the measuring devices
Annex	D	(inform	native) Strain conversions