

# DIN EN ISO 11276:2014-07 (E)

Soil quality - Determination of pore water pressure - Tensiometer method (ISO 11276:1995), German version EN ISO 11276:2014

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Definitions .....	4
3	Principle .....	5
4	Apparatus .....	5
4.1	Tensiometer .....	5
4.2	Tensiometer construction .....	6
5	Procedure .....	6
5.1	Installation of tensiometers .....	6
5.2	Preparation of tensiometers for use .....	8
5.3	Reading tensiometers .....	8
5.4	Servicing and maintenance of tensiometer .....	8
6	Expression of results .....	8
6.1	Method of calculation .....	8
6.2	Precision .....	9
7	Test report .....	9
Annex A (normative) Construction and use of mercury manometers .....		11
Annex B (informative) Tensiometer materials and construction .....		15
Annex C (informative) Examples of pressure sensors other than mercury manometers .....		17
Annex D (informative) Field installation of tensiometers .....		18
Annex E (informative) Relation of pore water pressure and hydraulic pressure, and calculation from tensiometer measurements .....		21
Annex F (informative) Bibliography .....		23