

DIN EN ISO 8224-1:2011-12 (E)

Traveller irrigation machines - Part 1: Operational characteristics and laboratory and field test methods (ISO 8224-1:2003/AMD 1 :2011)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms, definitions and symbols	4
4	Functional aspects and technical information	11
5	Test specifications	11
5.1	General	11
5.2	Test liquid	11
5.3	Calculation of field resistance coefficient	12
5.4	Sampling and general preparation of test traveller irrigation machine	13
5.5	Specific machines	13
6	Laboratory uniformity tests	13
6.1	General	13
6.2	Test conditions	14
6.3	Apparatus	17
6.4	Required pre-test data	20
6.5	Procedure	21
6.6	Processing laboratory uniformity test data	23
6.7	Presentation of results	25
7	Laboratory drive tests	30
7.1	General	30
7.2	Laboratory drive test equipment	30
7.3	Laboratory drive test conditions	30
7.4	Laboratory drive test procedure	3
7.5	Laboratory drive test results	31
8	Field uniformity tests	31
8.1	General	31
8.2	Apparatus	32
8.3	Field uniformity test procedure	33
8.4	Field uniformity test data processing and results	35
8.5	Graphs of field uniformity test results	39