

ISO 21191:2021-02 (E)

Equipment for crop protection - Closed transfer systems (CTS) - Performance specification

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General requirements	2
5	Performance requirements	3
5.1	Leakage	3
5.1.1	General	3
5.1.2	Principle	3
5.1.3	Apparatus	3
5.1.4	Procedure	4
5.2	Container and system interface rinsing	5
5.2.1	General	5
5.2.2	Principle	5
5.2.3	Apparatus	5
5.2.4	Procedures	5
5.3	Transfer system residues	7
5.3.1	General	7
5.3.2	Principle	7
5.3.3	Apparatus	7
5.3.4	Procedure	8
5.4	Speed of operation test	8
5.4.1	General	8
5.4.2	Principle	8
5.4.3	Apparatus	8
5.4.4	Procedure	9
5.5	Measurement device accuracy	9
5.5.1	General	9
5.5.2	Principle	9
5.5.3	Apparatus	9
5.5.4	Procedure	10
5.5.5	Test report	10
6	Operator manual	10
Annex A (informative) Container closure to CTS interface -- Dimensions for a CTS interface to accommodate a 63 mm container neck		12
Annex B (normative) Test liquid		14
Annex C (Normative) System leakage test formulation		16
Annex D (informative) Test report -- Minimum contents		17