

ISO 5700:2013-05 (E)

Tractors for agriculture and forestry - Roll-over protective structures - Static test method and acceptance conditions

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	4
5	Apparatus	4
5.1	Horizontal loading tests	4
5.2	Crushing tests	8
6	Preparation of tractor and ROPS for testing	9
7	Test procedures	10
7.1	Sequence of tests	10
7.2	Horizontal loading from rear, front and side	11
7.3	Crushing tests	15
7.4	Second longitudinal loading	18
8	Determination of seat index point (SIP), seat location and adjustment for test	18
8.1	Seat index point	18
8.2	Seat location and adjustment for test	18
9	Clearance zone	19
9.1	Determination of the clearance zone	19
9.2	Determination of the clearance zone for tractors with a non-reversible seat	20
9.3	Determination of the clearance zone for tractors with a reversible driver's position	21
9.4	Optional seats	22
10	Tolerances	22
11	Acceptance conditions	23
11.1	General	23
11.2	Clearance zone	23
11.3	Recording permanent deflection	23
11.4	Required force	23
11.5	Overload test	23
11.6	Additional conditions	25
11.7	Cold weather embrittlement	25
12	Seatbelt anchorage performance	26
13	Labelling	26
14	Extension to other tractor models	26
14.1	Administrative extension	26

14.2	Technical extension	26
15	Test report	27
Annex A (normative)	Optional requirements for providing resistance to brittle fracture of roll- over protective structure at reduced operating temperature	28
Annex B (normative)	Test report for roll-over protective structure	30
Annex C (informative)	Designation of Maintenance Agency	36
Bibliography		37