

DIN EN 15694:2016-09 (E)

Agricultural and forestry tractors - Passenger seat - Requirements and test procedures (includes Amendment A1:2015)

Contents	Page
European foreword	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 Requirements	7
4.1 Location and mounting	7
4.2 Seat dimensions	7
4.3 Seat cushion	7
4.4 Seat belt	8
4.5 Foot rest and handles	8
4.6 Roll-over protection	8
5 Test procedures	8
6 Operator's manual	8
Annex A (normative) Standards to be used for testing the roll-over protective structure (see 4.6.1 and 5.1)	9
Annex B (normative) Deflection limiting volume, sequence of tests and acceptance criteria for the passenger seat (see 5.2)	10
B.1 Passenger Deflection Limiting Volume (PDLV)	10
B.2 Passenger seat index point (SIP _p)	12
B.3 Allowable interference	12
B.3.1 General	12
B.3.2 Interference evaluation procedure	14
B.3.3 Reversible driver's position	15
B.4 ROPS test	17
B.4.1 General	17
B.4.2 Sequence of tests	17
B.4.2.1 Longitudinal loading	17
B.4.2.2 First crushing test	17
B.4.2.3 Loading from the side	17
B.4.2.4 Second crushing test	17
B.4.2.5 Second longitudinal loading	17
B.4.3 Horizontal loading tests from the rear, front and side	18
B.4.3.1 General provisions	18
B.4.3.2 Longitudinal loading	18
B.4.3.3 Side loading	18
B.4.4 Crushing tests	19
B.4.4.1 Crushing at the rear	19
B.4.4.2 Crushing at the front	19
B.4.5 Second longitudinal loading test	19
B.4.6 Interference measuring apparatus	20

B.4.7	Conditions for acceptance	21
B.4.7.1	General	21
B.4.7.2	Description of the overload test	22
Annex C (normative) Rules and directions		23
C.1	General	23
C.2	Apparatus	24
C.3	Test conditions	24
C.4	Extension to other tractor models	25
C.4.1	General	25
C.4.2	Extension of the structural test results to other models of tractors	25
C.4.3	Extension of the structural test results to modified models of the protective structure	25
Bibliography		27