

Council Directive of 28 June 1977 on the approximation of the laws
of the Member States relating to the roll-over protection structures
of wheeled agricultural or forestry tractors (77/536/EEC) (repealed)

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ANNEX I

CONDITIONS FOR EEC COMPONENT TYPE-APPROVAL

1.	DEFINITION
1.1.
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2.	GENERAL REQUIREMENTS
2.1.
2.2.
3.	APPLICATION FOR EEC COMPONENT TYPE-APPROVAL
3.1.
3.2.
3.3.
3.4.
4.	MARKINGS
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4.1.1.
4.1.2.
4.1.3.
4.1.4.
4.2.
4.3.

ANNEX II

CONDITIONS FOR TESTING THE STRENGTH OF A ROLL-OVER
PROTECTION STRUCTURE AND OF ITS ATTACHMENT TO A TRACTOR

1. GENERAL REQUIREMENTS
 - 1.1. Test purposes
 - 1.2. Preparation for test
 - 1.2.1.
 - 1.2.2.
 - 1.2.3.
 - 1.3. Tractor mass
2. APPARATUS AND EQUIPMENT
 - 2.1. Pendulum weight
 - 2.1.1.
 - 2.1.2.
 - 2.1.3.
 - 2.2. Pendulum supports
 - 2.3. Lashings
 - 2.3.1.
 - 2.3.2.
 - 2.3.3.
 - 2.4. Wheel prop and beam
 - 2.4.1.
 - 2.4.2.
 - 2.5. Props and lashings for articulated tractors
 - 2.5.1.
 - 2.5.2.
 - 2.6. Crushing rig
 - 2.7. Measuring apparatus
 - 2.7.1.
 - 2.7.2.
 - 2.7.3.
 - 2.8. Measurement tolerances
 - 2.8.1.
 - 2.8.2.
 - 2.8.3.
 - 2.8.4.
 - 2.8.5.
3. TESTS
 - 3.1. General requirements
 - 3.1.1. Sequence of tests
 - 3.1.1.1.
 - 3.1.1.2.
 - 3.1.1.3.
 - 3.1.1.4.
 - 3.1.1.5.
 - 3.1.2. Track width
 - 3.1.3. Removal of non-hazard-creating components
 - 3.1.4. Direction of impacts
 - 3.1.5. Tyre pressures and deflections

Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

4. INTERPRETATION OF RESULTS

- 4.1.
 - 4.1.1.
 - 4.1.2.
 - 4.1.3.
- 4.2.

5. TEST REPORT

- 5.1.
 - 5.1.1.
 - 5.1.2.
 - 5.1.3.
 - 5.1.4.
- 5.2.
- 5.3.

ANNEX III
TEST PROCEDURES

A — TEST METHOD I

1. IMPACT AND CRUSHING TESTS

- 1.1. Impact at the rear
 - 1.1.1.
 - 1.1.2.
 - 1.1.3.
 - 1.1.4.
- 1.2. Impact at the front
 - 1.2.1.
 - 1.2.2.
 - 1.2.3.
 - 1.2.4.
- 1.3. Impact at the side
 - 1.3.1.
 - 1.3.2.
 - 1.3.3.
 - 1.3.4.
- 1.4. Crushing at the rear
- 1.5. Crushing at the front
 - 1.5.1.
 - 1.5.2.

2. ZONE OF CLEARANCE

- 2.1.
- 2.2.

3. MEASUREMENTS TO BE MADE

- 3.1. Fractures and cracks
- 3.2. Zone of clearance
 - 3.2.1.
 - 3.2.2.
- 3.3. Maximum momentary deflection
- 3.4. Permanent deflection

- B — TEST METHOD II**
1. **IMPACT AND CRUSHING TESTS**
 - 1.1. **Impact at the rear**
 - 1.1.1.
 - 1.1.2.
 - 1.1.3.
 - 1.1.4.
 - 1.1.5.
 - 1.2. **Impact at the front**
 - 1.2.1.
 - 1.2.2.
 - 1.2.3.
 - 1.2.4.
 - 1.3. **Impact at the side**
 - 1.3.1.
 - 1.3.2.
 - 1.3.3.
 - 1.3.4.
 - 1.4. **Crushing at the rear**
 - 1.5. **Crushing at the front**
 - 1.5.1.
 - 1.5.2.
 2. **ZONE OF CLEARANCE**
 - 2.1.
 - 2.2.
 - 2.2.1.
 - 2.2.2.
 - 2.2.3.
 - 2.2.4.
 - 2.2.5.
 - 2.2.6.
 - 2.2.7.
 - 2.2.8.
 - 2.2.9.
 - 2.2.10.
 - 2.2.11.
 - 2.2.12.
 - 2.2.13.
 - 2.3. **Seat location and seat reference point**
 - 2.3.1.
 - 2.3.2.
 - 2.3.3.
 - 2.3.4.
 - 2.3.4.1.
 - 2.3.4.2.
 3. **MEASUREMENTS TO BE MADE**
 - 3.1. **Fractures and cracks**
 - 3.2. **Zone of clearance**
 - 3.2.1.
 - 3.2.2.
 - 3.3. **Maximum momentary deflection**
 - 3.4. **Permanent deflection**

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ANNEX IV
FIGURES

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ANNEX V

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ANNEX VI
MARKS

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ANNEX VII

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ANNEX VIII
CONDITIONS FOR EEC TYPE-APPROVAL

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 - 5.1.
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 - 5.3.
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7.

ANNEX IX

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