

Agricultural and forestry tractors - Passenger seat -
Requirements and test procedures

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 15694:2009+A1:2015 sisaldab Euroopa standardi EN 15694:2015+A1:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 15694:2009+A1:2015 consists of the English text of the European standard EN 15694:2015+A1:2015.
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English Version

Agricultural and forestry tractors - Passenger seat - Requirements and test procedures

Tracteurs agricoles et forestiers - Siège du passager -
Prescriptions et modes opératoires d'essai

Land- und forstwirtschaftliche Traktoren -
Beifahrersitz - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 20 May 2009 and includes Amendment 1 approved by CEN on 12 September 2015.

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European foreword

This document (EN 15694:2009+A1:2015) has been prepared by Technical Committee CEN/TC 144 “Tractors and machinery for agriculture and forestry”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 2015-09-12.

This document supersedes EN 15694:2009.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** and **A1**.

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Introduction

Agricultural and forestry tractors are often equipped with a passenger seat to allow the safe, short-term and occasional transport of a person from the farm to the field.

The tractor and cab design is defined by and optimized for various functions and operating conditions. The passenger transport is not a main request and less comfortable conditions are accepted by the market for the benefit of the main purposes.

Roll-over protective structures (ROPS) were introduced to improve the safety of the tractor driver during field operations.

To allow the protection of the passenger, to consider the specific conditions of tractor design, its intended use and all risks including the risk of roll-over, the standard should satisfy especially the following conditions:

- to specify requirements to be applied to all tractors respectively all operations and requirements depending on the intended use respectively operations taking into account the normal use;
- to specify performance based requirements corresponding to the state of art and minimizing the necessary changes in tractor design;
- to ensure a high level of occupational safety for both – the driver and passenger – during the individual operations;
- not to reduce the protection of the driver or passenger against other risks;
- to refer to available specifications or standards;
- to provide repeatable and reproducible test procedures.

1 Scope

This standard is applicable to agricultural and forestry tractors on which provision is made for carrying one person in addition to the driver. It specifies minimum requirements for space and support, specifies roll-over protective structures (ROPS) test procedures and seat belt requirements, by reference to other standards.

It also specifies the information to be provided by the tractor manufacturer.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3463, *Tractors for agriculture and forestry — Roll-over protective structures (ROPS) — Dynamic test method and acceptance conditions*

ISO 3776-1, *Tractors and machinery for agriculture — Seat belts — Part 1: Anchorage location requirements*

ISO 3776-2, *Tractors and machinery for agriculture — Seat belts — Part 2: Anchorage strength requirements*

ISO 5353:1995, *Earth-moving machinery, and tractors and machinery for agriculture and forestry — Seat index point*

ISO 5700, *Tractors for agriculture and forestry — Roll-over protective structures — Static test method and acceptance conditions*

ISO 12003-1, *Agricultural and forestry tractors — Roll-over protective structures on narrow-track wheeled tractors — Part 1: Front-mounted ROPS*

ISO 12003-2, *Agricultural and forestry tractors — Roll-over protective structures on narrow-track wheeled tractors — Part 2: Rear-mounted ROPS*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
passenger seat
structure which may or may not be integral with the tractor structure, complete with cushion, intended to seat and transport one adult person

3.2

passenger seat index point (SIP_p)
point located in the central longitudinal plane of the apparatus for determination when installed in the passenger seat