**ASABE/ISO 3776-3:2009 OCT2015 (R2025)**
**Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies**

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Revision Approved October 2015; reaffirmed June 2025 as an American National Standard

# Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies

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*This standard was reviewed for adoption by the ASABE Agricultural Machinery — Common Test Technical subcommittee, and has been formerly approved by the Power and Machinery Division. Adopted with deviations by ASABE May 2012; approved as an American National Standard July 2012; adopted identically October 2015; reaffirmed and editorial revision December 2019; reaffirmed June 2025.*

**Keywords:** Anchorage, Seat belts, Self-propelled machinery, Tractors

## 0 Foreword

**0.1** ASABE/ISO 3776-3:2009, Agricultural Tractors and machinery for agriculture — Seat belts — Part 3: Requirement for assemblies, is an adoption without modifications of the identically titled ISO standard ISO 3776-3:2009, Agricultural Tractors and machinery for agriculture — Seat belts — Part 3: Requirement for assemblies.

**0.2** ANSI/ASABE AD3776-3:2009 specifies the requirements for pelvic restraint (seat) belt assemblies intended to be used by the operators of agricultural tractors and self-propelled machinery.

NOTE: Seat belt assemblies that meet the requirements of UNECE R16:2000, Clause 6, but excluding 6.4 of that regulation, or seat belt assemblies complying with the requirements of SAE J386 are deemed to comply with the requirements of this part of ISO 3776.

**0.3** Five normative references are listed in ISO 3776-3:2009. These references have been reviewed and accepted as part of the adoption of ASABE adoption number.

**0.3.1** Please note that Normative Reference ISO 3776-1, Tractors and machinery for agriculture — Seat belts — Part 1: Anchorage location requirements, has been identically adopted by ASABE. ASABE adoption number is ASABE/ISO 3776-1:2006 MAY2012.

**0.3.2** Please note that Normative Reference ISO 3776-2:2007, Tractors and machinery for agriculture — Seat belts — Part 2: Anchorage strength requirements, has been identically adopted by ASABE. ASABE adoption number is ASABE/ISO 3776-2:2013 FEB2016.

**0.4** This standard has been approved as an American National standard by ANSI (American National Standards Institute). The original content of ISO 3776-3 was not based on ASABE content or developed material. Royalty payments to ANSI are due upon all sales.

Text of ISO 3776-3:2009, Agricultural Tractors and machinery for agriculture — Seat belts — Part 3: Requirement for assemblies, follows.

## 1 Scope

This part of ISO 3776 specifies the requirements for pelvic restraint (seat) belt assemblies intended to be used by the operators of agricultural tractors and self-propelled machinery.

NOTE: Seat belt assemblies that meet the requirements of UNECE R16:2000, Clause 6, but excluding 6.4 of that regulation, or seat belt assemblies complying with the requirements of SAE J386 are deemed to comply with the requirements of this part of ISO 3776.

## 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 3411, Earth-moving machinery — Physical dimensions of operators and minimum operator space envelope

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

ISO 3776-2:2007, Tractors and machinery for agriculture — Seat belts — Part 2: Anchorage strength requirements

ASTM B117, Standard Practice for Operating Salt Spray (Fog) Apparatus

ASTM D756:1993, Practice for Determination of Weight and Shape Changes of Plastics under Accelerated Service Conditions

## 3 Terms and definitions

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

**3.1**
**anchorage**
provision to transfer forces applied to the seat belt assembly to the structure of the tractor or the machine

[ISO 3776-2]

**3.2**
**creep**
amount of unintentional lengthening of the seat belt assembly loop during use caused by motion of the machine, seat and seat-belted occupant

**3.3**
**hardware**
any metal or rigid plastic part of the restraint system

**3.3.1**
**buckle and latch plate**
quick release connector which fastens the belt assembly into a loop