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ASABE, 2950 Niles Road, St. Joseph, MI 49085-9659, USA, phone 269-429-0300, fax 269-429-3852, [hq@asabe.org](mailto:hq@asabe.org)

# ANSI/ASABE AD26322-2:2010 JUN2017

Revision approved June 2017 as an American National Standard

## Tractors for agriculture and forestry — Safety — Part 2: Narrow-track and small tractors

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*This standard was reviewed for adoption by the ASABE Power and Machinery Agricultural Machinery – Agricultural Tractor Technical subcommittee, and has been formerly approved by the Power and Machinery Division. Adopted and approved as an American National Standard June 2012; revised June 2017.*

**Keywords:** Ballast, Clearance, Controls, Fuel, Guarding, Hazard, Ladders, Noise, Operator's manual, Operator's workplace, Safety, Seat, Steps, Tractors

### 0 Foreword

**0.1** ANSI/ASABE AD26322-2:2010 JUN2017, Tractors for agriculture and forestry — Safety — Part 2: Narrow-track and small tractors, is an adoption with deviations of the identically named ISO standard ISO 26322-2:2010, Tractors for agriculture and forestry — Safety — Part 2: Narrow-track and small tractors. Deviations noted in the following Foreword sections pertain to those provisions where harmonization could not be achieved between ASABE and the International Standard.

**Deviations from the subsequently printed international standard are noted with underscore (addition) or strikethrough (deletions) text. Deviations from the international standard figures, tables and equations are clearly marked.**

**0.2** ANSI/ASABE AD26322-2:2010 JUN2017 specifies the general safety requirements and their verification for the design and construction of narrow-track and small tractors used in agriculture and forestry. It also specifies the type of information on safe working practices, including residual risks, to be provided by the manufacturer. It provides technical means for improving the level of personal safety of operators and others involved in the course of the normal operation, maintenance and use of these tractors.

It is applicable to narrow-track tractors having at least two axles for pneumatic-tyred wheels, or having tracks instead of wheels with a smallest fixed or adjustable track width of not more than 1 150 mm, and to small tractors having an unladen mass not greater than 600 kg.

NOTE: Tractors having a smallest fixed or adjustable track width greater than 1 150 mm and an unladen mass greater than 600 kg are dealt with in ANSI/ASABE AD26322-1:2008.

It is not applicable to vibration or braking.

**0.3** Twelve normative references are listed in ISO 26322-2:2010. The responsible ASABE committee has reviewed these references and approved the following deviations:

**0.3.1** Replace ISO 500-1, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone, with ANSI/ASABE AD500-1:2014, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone. Any reference to ISO 500-1 in the printed portion of ISO 26322-2 shall be replaced by ANSI/ASABE AD500-1: 2014.

**0.3.2** Replace ISO 500-2, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 2: Narrow-track, tractors, dimensions for master shield and clearance zone, with ANSI/ASABE AD500-2:2004, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 2: Narrow-track, tractors, dimensions for master shield and clearance zone. Any reference to ISO 500-2 in the printed portion of ISO 26322-2 shall be replaced by ANSI/ASABE AD500-2:2004.

**0.3.3** 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.

**0.3.4** Please note that Normative Reference ISO 3776-2, 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.

**0.3.5** Please note that Normative Reference ISO 3776-3, Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies, has been identically adopted by ASABE. ASABE adoption number is ASABE/ISO 3776-3:2009 OCT2015.

**0.3.6** Please note that Normative Reference ISO 4252, Agricultural tractors — Operator's workplace, access and exit — Dimensions, has been identically adopted by ASABE. ASABE adoption number ANSI/ASABE AD4254-6:2009 AUG2013.

**0.3.7** Replace ISO 8759-1, Agricultural wheeled tractors — Front-mounted equipment — Part 1: Power take-off and threepoint linkage, with ANSI/ASABE AD8759-1:1998, Agricultural wheeled tractors — Front-mounted equipment — Part 1: Power take-off and threepoint linkage. Any reference to ISO 8759-1 in the printed portion of ISO 26322-2 shall be replaced with ANSI/ASABE AD8759-1:1998.

**0.3.8** Please note that the later 2014 version of Normative Reference ISO 23205:2006, Agricultural tractors — Instructional seat, has been identically adopted by ASABE. ASABE adoption number ASABE/ISO 23205:2014 FEB2016.

**0.3.9** Replace ISO 26322-1:2008, Tractors for agriculture and forestry — Safety requirements — Part 1: Standard tractors, with ANSI/ASABE AD26322-1:2008, Tractors for agriculture and forestry — Safety — Part 1: Standard tractors. Any reference to ISO 26322-1 in the printed portion of ISO 26322-2 shall be replaced by ANSI/ASABE AD26322-1:2008.

**0.4** This standard has been approved as an American National standard by ANSI (American National Standards Institute).

**0.5** This standard deviates from ISO 26322-2:2010 as follows:

**0.5.1** See Section 0.3 for Normative reference deviations.

Text of ISO 26322-2:2010, Tractors for agricultural and forestry — Safety — Part 2: Narrow-track and small tractors, with deviations noted, follows.

## 1 Scope

This part of ISO 26322 specifies the general safety requirements and their verification for the design and construction of narrow-track and small tractors used in agriculture and forestry. It also specifies the type of information on safe working practices, including residual risks, to be provided by the manufacturer. It provides technical means for improving the level of personal safety of operators and others involved in the course of the normal operation, maintenance and use of these tractors.

It is applicable to narrow-track tractors having at least two axles for pneumatic-tyred wheels, or having tracks instead of wheels with a smallest fixed or adjustable track width of not more than 1 150 mm, and to small tractors having an unladen mass not greater than 600 kg.

NOTE: Tractors having a smallest fixed or adjustable track width greater than 1 150 mm and an unladen mass greater than 600 kg are dealt with in [ISO 26322-1](#) [ANSI/ASABE AD26322-1:2008](#).

It is not applicable to vibration or braking.

## 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 500-1, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone~~

~~ANSI/ASABE AD500-1:2014, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone~~

~~ISO 500-2, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 2: Narrow-track tractors, dimensions for master shield and clearance zone~~

~~ANSI/ASABE AD500-2:2004, Agricultural tractors — Rear-mounted power take-off types 1, 2 and 3 — Part 2: Narrow-track tractors, dimensions for master shield and clearance zone~~

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 3776-3, Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies

ISO 4252, Agricultural tractors — Operator's workplace, access and exit — Dimensions

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

~~ISO 8759-1, Agricultural wheeled tractors — Front-mounted equipment — Part 1: Power take-off and three-point linkage~~

~~ANSI/ASABE AD8759-1:1998, Agricultural wheeled tractors — Front-mounted equipment — Part 1: Power take-off and threepoint linkage~~

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

ISO 23205:2006, Agricultural tractors — Instructional seat

~~ISO 26322-1:2008, Tractors for agriculture and forestry — Safety requirements — Part 1: Standard tractors~~

~~ANSI/ASABE AD26322-1:2008, Tractors for agriculture and forestry — Safety — Part 1: Standard tractors~~

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in [ISO 26322-1](#) [ANSI/ASABE AD26322-1:2008](#) and the following apply.