

ANSI/ASABE AD8759-1:2018 JUL2019

Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO



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This standard was reviewed for adoption with deviations by the ASABE Power and Machinery Tractors and Tractor Implement Interface/PTO Technical subcommittees, and has been formally approved. This adoption, along with the adoption with deviations of ISO 500-1:2004/Cor. 1:2005 and ISO 8759-2:1998 and the identical adoptions of ISO 500-2:2004 and ISO 500-3:2004 replaced ASAE S203.14 FEB04 and ASAE S513 FEB03. Rear mounted PTOs are addressed in the ISO 500 adoptions, front mounted in the ISO 8759 adoptions. Adopted by ASABE December 2010; approved as an American National Standard January 2011; revised June 2012; revision approved by ANSI June 2012; revised January 2013; revision approved by ANSI February 2013; replaced by adoption with deviations of ISO 8759-1:2018 July 2019.

Keywords: Clearance zone, Master shield, Power take-off, Safety, Speed, Tractor

0 Foreword

0.1 ANSI/ASABE AD8759-1:2018 JUL2019, Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO, is an adoption with deviations of the identically titled ISO 8759-1:2018, Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO. 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 AD8759-1:2018 JUL2019 specifies safety requirements for, and clearance zones around, front-mounted power take-offs (PTO) on agricultural tractors.

NOTE 1: Further specifications for front-mounted power take-offs are given in ANSI/ASABE AD8759-3:2018.

It is not applicable to tractors which are designed to run in two directions, where either end can be considered to be the front or the rear.

NOTE 2: In this case, ANSI/ASABE AD500-1:2014, ANSI/ASABE AD500-2:2004 and ASABE/ISO 500-3:2014 apply.

0.3 No normative references are listed in ISO 8759-1:2018. The responsible ASABE committee has reviewed and approved no normative references for the adoption with deviations of the ISO 8759-1:2018 in ANSI/ASABE AD8759-1:2018 JUL2019.

0.4 This standard has been approved as an American National standard by ANSI (American National Standard Institute). The original content of ISO 8759-1:2018 was based on ASAE S203 and ASAE S217.