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Agricultural tractors — Front-mounted equipment — Part 4: Three-point linkage

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This standard was reviewed for adoption with deviations by the ASABE Machinery Systems Tractors and Tractor Implement Interface/PTO Technical subcommittees, and has been formally approved. Adoption with deviations of ISO 8759-4:2018 approved August 2019.

Keywords: Front hitch, Hitch, Hitching implements, Three-point linkage, Tractor

0 Foreword

0.1 ANSI/ASABE AD8759-4:2018 AUG2019, Agricultural tractors — Front-mounted equipment — Part 4: three-point linkage, is an adoption with deviations of the identically titled ISO 8759-4:2018, Agricultural tractors — Front-mounted equipment — Part 4: Three-point linkage. 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 AD8759-4:2018 specifies dimensions and requirements for three-point linkage in association with a power lift for the attachment of implements or equipment to the front of agricultural tractors.

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: In this case, ANSI/ASABE AD730:2009 W/Amd. 1:2014 applies.

0.3 Two normative references are listed in ISO 8759-4:2018. The responsible ASABE committee has reviewed these references and approved the following deviations:

0.3.1 Replace ISO 730:2009, Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4, with ANSI/ASABE AD730:2009, W/Amd. 1:2014, Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4. Any reference to ISO 730:2009 in the printed portion of ISO 8759-4:2018 shall be replaced by ANSI/ASABE AD730:2009, W/Amd. 1:2014.

0.3.2 Replace ISO 8759-1, Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone, with ANSI/ASABE AD8759-1:2018, Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone. Any reference to ISO 8759-1 in the printed portion of ISO 8759-4 shall be replaced by ANSI/ASABE AD8759-1:2018.

0.4 This standard has been approved as an American National standard by ANSI (American National Standard Institute). ISO 8759-4:2018 contains specifications for three-point linkage that were in ISO 8759-1:1998. The original content of ISO 8759-1:2018 was based on ASAE S203 and ASAE S217.