



American Society of
Agricultural and Biological Engineers

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News Release

FOR IMMEDIATE RELEASE

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American Society of Agricultural and Biological Engineers Adopts Five ISO Standards on PTOs Documents Based on Historic ASABE PTO Document Now Eliminated

St Joseph, Michigan—The American Society of Agricultural and Biological Engineers (ASABE) has adopted five international standards concerning front- and rear-mounted power take-off shafts for agricultural tractors.

- ◆ ANSI/ASABE AD500-1:2004 W/Cor. 1 (DEC2010), 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 (adoption with deviations)
- ◆ ASABE/ISO 500-2:2004 (DEC2010), Agricultural tractors – Rear-mounted power take-off types 1, 2 and 3 – Part 2: Narrow-track tractors, dimensions for master shield and clearance zone
- ◆ ASABE/ISO 500-3:2004 (DEC2010), Agricultural tractors – Rear-mounted power take-off types 1, 2 and 3 – Part 3: Main PTO dimensions and spline dimensions, location of PTO
- ◆ ANSI/ASABE AD8759-1:1998 (DEC2010), Agricultural wheeled tractors – Front-mounted equipment – Part 1: Power take-off and three-point linkage (adoption with deviations)
- ◆ ANSI/ASABE AD8759-2:1998 (DEC2010), Agricultural wheeled tractors – Front-mounted equipment – Part 2: Stationary equipment connection (adoption with deviations)

The adoptions of the five ISO documents replaces two ASABE standards, ASAE S203.14, Front and Rear Power Take-Off for Agricultural Tractors, and ASAE S513, Agricultural Wheeled Tractors – Front Mounted Linkage. ASAE S203.14 is one of the oldest standards developed by ASABE, providing the original specifications for the 540-rpm rear PTO used on hundreds of thousands of tractors worldwide. It has been in continuous publication since the 1920s and was used as a basis for the development of the international standards adopted.

These adoptions further harmonize national and international standardization, a goal that facilitates manufacturing, safety advancements and product marketing worldwide.

A copy of the documents can be ordered by contacting ASABE headquarters directly at: martin@asabe.org. ASABE members and those with site-license privileges to the ASABE online Technical Library, at www.asabe.org, can view an electronic copies of the standards in about 6 weeks.

ASABE is recognized worldwide as a standards developing organization for food, agricultural, and biological systems, with more than 225 standards currently in publication. Conformance to ASABE standards is voluntary, except where required by state, provincial, or other governmental requirements, and the documents are developed by consensus in accordance with procedures approved by the American National Standards Institute. For information on this or any other ASABE standard, contact Scott Cedarquist at ASABE, 269-932-7031, cedarq@asabe.org. A current listing of all ASABE standards projects can be found on the ASABE web site at <http://www.asabe.org/standards/proposed.html>.

The American Society of Agricultural and Biological Engineers is an international scientific and educational organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Its 9,000 members, from more than 100 countries, are consultants, managers, researchers, and others who have the training and experience to understand the interrelationships between technology and living systems. Further information on the Society can be obtained by contacting ASABE at (269) 429-0300 (phone) or (269) 429-3852 (fax); hq@asabe.org. Details can also be found at <http://www.asabe.org/>.