



Agricultural Manufacturers of Canada

December 1, 2016

Standards Update

Lighting and Marking

- Agricultural equipment standards published by the American Society of Agricultural and Biological Engineers (ASABE) and the Canadian Standards Association (CSA) are developed by consensus as voluntary standards. In both Canada and the US, either a standard or certain clause from a standard can be referenced in regulations by various jurisdictions. In these cases ASABE and CSA standards become legally required references.
- Until now lighting and marking of agricultural equipment on US and Canadian highways has been at the state or provincial level. It was quite common for these requirements to point to an ASABE standard, often a version of ANSI/ASAE S279, Lighting and Marking of Agricultural Equipment on Highways. Additional points:
 - ANSI/ASAE S279.9 is a specific requirement in Manitoba.
 - <http://www.pami.ca/beseenbesafe/beseennf/beseennf.htm>
 - The currently published CSA M669-11 is an adoption of ANSI/ASABE S279.15.
 - ANSI/ASAE S279.17 is being considered by CSA as a future adoption of the latest edition.
- In June of 2016, the US DOT approved new nationwide requirements.
 - This new ruling stipulates that agricultural equipment, as defined in ANSI/ASAE S390.4, operated on a public road must meet the requirements of ANSI/ASAE S279.14
 - The rule further stipulates that successor standards also meet the requirements
 - This is important as S279 is revised on a fairly frequent basis
 - The rule becomes **effective on June 22, 2017**
 - Full text of the rule can be located at:
<https://www.gpo.gov/fdsys/pkg/FR-2016-06-22/pdf/2016-14571.pdf>

Braking

- ASABE currently publishes ANSI/ASABE S365.9, Braking System Test Procedures and Braking Performance Criteria for Agricultural Field Equipment.
 - This current version requires brakes for towed equipment based on speed and the mass ratio of the towed implement and the towing unit (i.e. tractor)
- Currently, CSA has endorsed ANSI/ASABE S365.3, Braking System Test Procedures and Braking Performance Criteria for Agricultural Field Equipment.
- While ASABE does not have an existing project to revise S365.9, a proposal for a revision is expected in the not too distant future.
- If a revision is undertaken, this will be an important project to watch and/or to consider your participation.



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CSA, ISO and ASABE

- CSA, ISO and ASABE standards are developed under a defined process by established technical committees.
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 - ISO Canadian contact for agricultural machinery activities:
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 - ASABE contact:
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- How to locate CSA Standards:
 - <http://shop.csa.ca/en/canada/standards+codes/occupational-health-and-safety/icat/ohs>
- How to get involved with CSA standards:
 - <https://community.csagroup.org>
- General information on ISO Technical Committees covering agricultural machinery specific topics
 - http://www.iso.org/iso/iso_technical_committee?commid=47002
- How to locate ASABE Standards
 - <http://www.asabe.org/publications/order-publications/standards.aspx>
- How to become aware of new ASABE standards and projects:
 - <http://www.asabe.org/standards/projects,-adoptions,-revisions,-withdrawals.aspx>
- General search for all standards, including ISO
 - www.nssn.org