Improving Safety on Enclosed Mobile Tanks for Transporting and Spreading Agricultural Liquids and Slurry

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1 Purpose and Scope

1.1 This Standard has been developed to provide a guide for uniform practice and is intended to reduce the possibility of personal and public injury during normal servicing and operation of enclosed mobile tanks for transporting and spreading agricultural liquids and slurry.

1.2 This Standard applies to truck-mounted units, self-propelled units, towed units with integral axle, and towed units with single or multiple axle carriage.

NOTE: Sprayer type equipment covered by ANSI/ASABE AD 4254-6:2009, Agricultural machinery — Safety — Part 6: Sprayers and liquid fertilizer distributors, are not included in the scope of this standard.

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.

ASAE S207, Operating Requirements for Tractors and Power Take-Off Driven Implements

3 Definitions

For the purpose of this Standard the following definitions shall apply:

3.1 enclosed mobile tanks: All tanks for transporting and spreading agricultural liquids or slurry in which the material is completely contained and covered, as opposed to open tanks which permit rapid escape of the material if the tank is tipped or suddenly halted.

3.2 slurry: A mixture of solids and liquids which will flow as a liquid and create a surge force.

4 Tank Construction

4.1 An enclosed mobile tank shall be so constructed as to prevent its load from leaking or spilling.