ANSI/ASABE 620.2 JUN2025ED
Safety for Anhydrous Ammonia Application Equipment

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Developed by the X620 Standards development committee, approved by the ASABE Machinery Systems Technical Community

Version	Action	Date	Action	Date	Note
V2	Revised	7/2025			
V1	Revised	4/2022			
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Keywords: Anhydrous ammonia, Applicators, Break-away couplers, Controls, Distribution system, Fertilizer, Hitching, NH_3, Nitrogen, Nurse tanks, Nurse tank wagons, Safety, Toolbars

1 Purpose and Scope

1.1 The purpose of this standard is to establish the safety requirements for implements of husbandry used in the local transport and application of anhydrous ammonia for agricultural fertilizer.

1.2 This standard does not cover bulk storage and handling equipment, manufacture of, or over-the-road bulk transport equipment (other than implements of husbandry) for anhydrous ammonia.

1.3 This standard is applicable to new equipment manufactured and assembled after the publication 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.

ANSI/ASABE AD11684:1995, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Safety signs and hazard pictorials — General principles

ANSI/ASABE AD3600:2015, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Operator's manuals — Content and format

ANSI/ASAE S279, Lighting and Marking of Agricultural Equipment on Highways

ANSI/ASAE S318, Safety for Agricultural Field Equipment

ANSI/ASAE S338, Field Equipment for Agriculture — Safety Chain for Towed Equipment

ASAE S360, Test Procedure and Performance Criteria for the Under-carriage Load Carrying Ability of Farm Materials Transport Equipment

ANSI/ASAE S390, Definitions and Classifications of Agricultural Field Equipment

ANSI/ASAE S625, Drawbar Pin Dimensions and Requirements

ANSI/ASABE S648-1, Agricultural Field Equipment Braking — Part 1: General Requirements

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