ANSI/ASABE S648-2 MAR2020 Agricultural Field Equipment Braking — Part 2: Requirements for Agricultural Tractors





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Developed with the assistance of the members of the Association of Equipment Manufacturers (AEM), members of the Farm Equipment Manufacturers Association (FEMA) and members of the Agricultural Manufacturers of Canada (AMC). Approved as an ASABE and American National (ANSI) Standard March 2020.

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1 Purpose

The purpose of this part of ANSI/ASABE S648, when used in conjunction with ANSI/ASABE S648-1, is to establish specific requirements, minimum performance criteria and performance test procedures that are common to agricultural tractors.

2 Scope

This part of ANSI/ASABE S648 establishes test procedures and performance requirements for braking of agricultural tractors.

The requirements and minimum performance criteria are directed to operation and parking of agricultural equipment having a maximum design ground speed greater than 6 km/h (3.7 mile/h) and not exceeding 50 km/h (31 mile/h).

3 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 S648-1, Agricultural Field Equipment Braking — Part 1: General Requirements

ANSI/ASABE S648-4, Agricultural Field Equipment Braking — Part 4: Requirements for Towed Vehicles

ANSI/ASABE S648-5, Agricultural Field Equipment Braking — Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles

4 Terms and Definitions

For the purpose of this document, the terms and definitions found in ANSI/ASABE S648-1 apply.