

ANSI B71.1-2003

# American National Standard

*for Consumer Turf Care Equipment –  
Walk-Behind Mowers and  
Ride-On Machines with Mowers –  
Safety Specifications*

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**ANSI**®

**B71.1-2003**

Revision of ANSI/OPEI B71.1-1998

American National Standard  
for Consumer Turf Care Equipment –  
Walk-Behind Mowers and Ride-On  
Machines with Mowers –  
Safety Specifications

Sponsor

**Outdoor Power Equipment Institute**

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**Foreword** (This foreword is not part of American National Standard ANSI B71.1-2003.)

This standard is a revision of *American National Standard for Consumer turf care equipment – Walk behind mowers and ride-on machines with mowers – Safety specifications*, ANSI/OPEI B71.1-1998. The first edition of this standard was approved and published by the American National Standards Institute in 1960. It has been revised twelve times since initial publication, including this revision.

Consensus for this standard was achieved by use of the Canvass Method.

This standard contains four informative annexes, all of which are not considered part of this standard.

Suggestions for improvement of the standard will be welcomed. They should be sent to the Outdoor Power Equipment Institute, 341 South Patrick Street, Alexandria, VA 22314.

The following organizations recognized as having an interest in the standardization of safety requirements for walk-behind mowers and ride-on machines with mowers were contacted prior to the approval of this revision of the standard. Inclusion in the list does not necessarily imply that the organization concurred with the submittal of the proposal to ANSI.

American Consulting  
Association of Landscape Contractors of America  
Consumer Product Safety Commission (CPSC)  
Deere & Company  
Equipment Manufacturers Institute (EMI)  
McCanse Consulting  
Mordge Manufacturing  
Murray  
North American Equipment Dealers Association  
Outdoor Power Equipment Aftermarket Association  
Service Dealers Association  
Toro  
Woods Equipment Company  
Underwriters Laboratories, Inc.  
US Testing Company, Inc.

American National Standard  
for Consumer Turf Care Equipment –

# Walk-Behind Mowers and Ride-On Machines with Mowers – Safety Specifications

## Part I: General

### 1 Scope

The safety specifications given in this standard are for (a) reel and rotary walk-behind power lawn mowers, (b) reel and rotary ride-on power lawn mowers, (c) ride-on power lawn tractors with mower attachments, (d) ride-on power lawn and garden tractors with mower attachments, and (e) lever steer ride-on mowers. They are intended to provide safety requirements and to help ensure uniform operator environments. These specifications are intended to apply to products specifically intended as consumer products for the personal use of a consumer around a house. These specifications are not intended to apply to commercial products customarily used by hired operators or to products designed primarily for agricultural purposes such as defined in SAE J1116 or SAE J1150. They are not intended to cover sulky-type units, walk-behind tractors, flail mowers, sickle bar mowers, or rotary mowers not provided by the tractor manufacturer, and are not intended to completely cover electrical requirements. This standard is intended to apply to all aftermarket parts and accessories not provided by the original equipment manufacturer.

The U.S. Consumer Product Safety Commission (CPSC) has promulgated a mandatory standard relating to certain aspects of walk behind power lawn mower operations (Safety Standards for Power Lawn Mowers, CPSC 16/CFR Part 1205). A copy of the CPSC mandatory standard is contained in Annex C. The CPSC standard contains requirements that must be met by manufacturers of walk-behind lawn mowers.

### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this American National Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this American National Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

ANSI Z535.4-2002, *Product safety signs and labels*<sup>1)</sup>

ANSI/OPEI B71.4-1999, *Commercial turf care equipment - Safety specifications*

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<sup>1)</sup> ANSI Standards are available from the American National Standards Institute, 25 West 43<sup>rd</sup> Street, New York, NY 10036.