

# American National Standard



**National  
Waste & Recycling  
Association<sup>SM</sup>**

Collect. Recycle. Innovate.

*for Equipment Technology and Operations for Wastes  
and Recyclable Materials ---*

***Stationary Compactors - Safety Requirements  
for Installation, Maintenance, Operation,  
Modification and Repair***

NATIONAL WASTE & RECYCLING ASSOCIATION  
(FORMERLY WASTE EQUIPMENT TECHNOLOGY ASSOCIATION-NATIONAL SOLID  
WASTES MANAGEMENT ASSOCIATION-ENVIRONMENTAL INDUSTRY  
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AMERICAN NATIONAL STANDARD

ANSI Z245.2-2013

**American National Standard**  
for Equipment Technology and Operations  
for Wastes and Recyclable Materials

**Stationary Compactors —  
Safety Requirements for Installation, Maintenance,  
Operation, Modification and Repair**

Secretariat

**National Waste & Recycling Association**

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## American National Standard

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**FOREWORD** (This Foreword is not a part of American National Standard Z245.2 – 2013)

This American National Standard is applicable to the installation, modification, maintenance, repair, operation, and use of commercial compacting equipment used in apartment, institutional, commercial and industrial locations, including transfer stations and recycling facilities. A companion standard, ANSI Z245.21–2013 establishes safety requirements for the design, manufacturing, and reconstruction, of commercial compacting equipment. Both these standards taken together revise and replace ANSI Z245.2-2008. This American National Standard does not apply to compactors commonly referred to as domestic or household compactor appliances. Compactors also have been addressed previously in ANSI Z245.2-2004 and ANSI Z245.1 (1978 thru 1997 editions), *Mobile Refuse Collection and Compaction Equipment, Safety Requirements*. For mobile collecting and compacting equipment, refer to ANSI Z245.1.

The effective date of all requirements of this standard shall be 12 months after the approval date of this standard by the American National Standards Institute, Inc. For all stationary compacting equipment manufactured prior to 12 months after the approval date of this standard, please refer to the previous editions of the ANSI Z245.2 standard.

Inquiries, requests for interpretation, and suggestions for improvement of this standard should be directed to the Secretary, Accredited Standards Committee Z245, c/o National Waste & Recycling Association, 4301 Connecticut Avenue, NW, Suite 300, Washington, DC 20008.

This standard was processed and approved for submittal to ANSI by the Accredited Standards Committee on Equipment Technology and Operations for Wastes and Recyclable Materials, Z245. Committee approval of this standard does not necessarily imply that all members voted for its approval. At the time it approved this standard, the Z245 Committee had the following members:

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# American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—

## Stationary Compactors — Safety Requirements for Installation, Maintenance, Operation, Modification and Repair

### Introduction

This standard was developed by Accredited Standards Committee Z245 Subcommittee 2 on Stationary Compactors and approved by American National Standards Institute Accredited Standards Committee Z245.

This standard revises the stationary compactor safety requirements found in ANSI Z245.2-2008 by providing specific requirements for installation, maintenance, repair and operation necessary to ensure the safety operation of the stationary compactors. This standard complements ANSI Z245.21-2013 which details the safety requirements for the design and construction of stationary compactors.

The requirements contained in this standard pertain to new or reconstructed stationary compactors as produced by the manufacturer. New requirements and revisions are not intended to be retroactive for compactors manufactured to comply with earlier revisions of this standard. Refer to the approved edition of ANSI Z245.2 in effect at the time of manufacture for those requirements.

The requirements contained in this standard are not intended to apply to other components of end-use applications where a compactor is part of a designed compacting system.

Exceptions and notes contained in the standard apply to the clause or sub-clause in which they are contained or to which they reference. Exceptions pertain to normative requirements. Notes are informative and provide guidance for the evaluation of a normative requirement.

The units of distance measurement used in this standard are in the inch-pound system. When a value for measurement is followed by a value in other units in parentheses (metric) the second value is only approximate. The first value is the requirement.

### 1. Scope

**1.1** This standard revises safety requirements with respect to the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of stationary compacting equipment covered by ANSI Z245.2 - 2008, *Stationary Compactors – Safety Requirements*.

**1.2** The requirements of this standard apply to stationary compactors rated at 600 volts or less, for outdoor or indoor use, and are employed in accordance with the manufacturer's written installation, operation, and maintenance instructions and procedures.

**1.3** This standard does not apply to compactors intended for use in private homes.

**1.4** This standard does not apply to mobile landfill compactors and compactor-type equipment that is operational when permanently mounted on trucks or other vehicles.