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American National Standard



ENVIRONMENTAL INDUSTRY
ASSOCIATIONS

for Equipment Technology and Operations for Wastes and Recyclable Materials –

Stationary Compactors – Safety Requirements for Installation, Maintenance and Operation

ANSI Z245.2 - 2008



WASTE EQUIPMENT TECHNOLOGY ASSOCIATION
A PART OF THE
ENVIRONMENTAL INDUSTRY ASSOCIATIONS

4301 CONNECTICUT AVENUE, NW • SUITE 300 •WASHINGTON, DC 20008
TELEPHONE: 202-244-4700 • FAX: 202-966-4824

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

Stationary Compactors — Safety Requirements for Installation, Maintenance and Operation

Secretariat
Environmental Industry Associations

Approved February 27, 2008
American National Standards Institute, Inc.

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FOREWORD (This foreword is not part of American National Standard Z245.2 -2008)

This American National Standard is applicable to the reconstruction, modification, maintenance, repair, operation, and use of commercial stationary compacting equipment used in apartment, institutional, commercial and industrial locations, including transfer stations and recycling facilities. A companion standard, ANSI Z245.21–2008 establishes safety requirements for the design and construction of commercial stationary compacting equipment. Both these standards taken together revise and replace ANSI Z245.2-1997. This American National Standard does not apply to compactors commonly referred to as domestic or household compactor appliances. Stationary compactors also have been addressed previously in ANSI Z245.2-1992 and ANSI Z245.1 (1978 and 1984 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 the improvement of this standard should be directed to the Secretary, Accredited Standards Committee Z245, c/o Environmental Industry Associations, 4301 Connecticut Ave., NW, Suite 300, Washington, D.C. 20008.

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

The members of Accredited Standards Committee Z245, and the organizations represented, who participated in the development of this standard were:

Lou Guilmette	City of Rochester
Karon Simoni (Alternate)	City of Rochester
Carl Hursh	Commonwealth of Pennsylvania (DEP)
Gary Satterfield	Waste Equipment Technology Association
John Gilstrap	Institute of Scrap Recycling Industries, Inc.
Brent Dieleman	Solid Waste Association of North America
Paul Moore	NIOSH
Ralph A. Ford	Waste Industries
Michael L. Knaub	Schaefer Systems International, Inc.
Jerald G. Zanzig	Zantec, Inc.
Denny Gill	Ameri-Kan
Thomas Stevens	Wolverine Recycling Services, Inc.
Denny Pool	SP Industries, Inc.
Steven M. Wienkes	Environmental Equipment Solutions
David E. Malter	Malter Associates, Inc.
W.A. Martin	Waste Management, Inc.
Susan Eppes	EST Solutions, Inc.
Gerald Van Beek	SACOM Safety Communications
Jeffrey D. Kaplan	City of Corpus Christi
Mark Johnson (Alternate)	Allied Waste Industries, Inc.
Garry Mosier, CSP	Allied Waste Industries, Inc.
Mike Schwalbach	Rehrig Pacific Company
Dave Carlisle	City of Tacoma

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Accredited Standards Committee Z245 Subcommittee 2 on Compactor Safety, which provided the draft of this standard to Z245 Committee, had the following members:

Denny Pool, Chairman

Ron Brown
Dennis Calnan
Steve Chytry
Bruce Clark
Steve David
Mark Deen
Susan Eppes
Gary Fleming
Ralph Ford
Bill Geise
Shannon Harrop
Mark Johnson
Henry Jobe
Gene Kesler
Randy Lewis
William Lowther, Jr.
Dave Malter
Billy Martin
William Moss
Bob McClain
David Nedland
Fran Oliver
Harvey Podolsky
Robert Riethmiller
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Gary Satterfield
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Brent Sebright
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American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials —

Stationary Compactors — Safety Requirements for Installation, Maintenance and Operation

0 Introduction

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

This standard revises the stationary compactor equipment safety requirements found in ANSI Z245.2-1997 by providing specific requirements for installation, maintenance, repair and operation necessary to ensure the safe operation of the stationary compactor.

This standard complements ANSI Z245.21-2008 which details the safety requirements for design and construction of stationary compactors.

The requirements contained in this standard pertain to new stationary compactors as produced by the manufacturer. New requirements and revisions are not intended to be retroactive for stationary 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 stationary 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, the second value is only approximate. The first value is the requirement.

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1 Scope

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 - 1997, *Stationary Compactors – Safety Requirements*.

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 installation, operation, and maintenance instructions and procedures.

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

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

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 A1264.1-1995 (R2002), *Safety Requirements for Workplace Floor and Wall Openings, Stairs, and Railing Systems.*
ANSI Z245.21-2008, *Stationary Compactors — Safety Requirements*

The following regulations contain provisions which, through reference in this text, constitute provisions of this American National Standard.

OSHA 29 CFR Part 1910.146, *Permit Required Confined Spaces* [1]
OSHA 29 CFR Part 1910.147, *Lockout/Tagout of Energy Sources* [2]

3 Definitions

For the purposes of this American National Standard, the definitions below apply to terms used throughout this standard, unless the context clearly indicates otherwise.

3.1 access cover or door: A panel covering an opening that is designed to permit access to the interior of the stationary compactor.

3.2 access gate: A moveable barrier/guard that swings on hinges or moves in/on a track and is distinguished from a door by having openwork.

3.3 affected employee: An employee whose job functions place them in proximity to potential hazards related to work being performed by authorized employees.

3.4 authorized employee: A person who, on the basis of their specific experience and training, is permitted to perform certain designated duties.

[1] Available online at http://www.gpo.gov/nara/cfr/index.html.
[2] Available online at http://www.gpo.gov/nara/cfr/index.html.