

American National Standard



**ENVIRONMENTAL INDUSTRY**  
A S S O C I A T I O N S

*for Equipment Technology and  
Operations for Wastes and  
Recyclable Materials ---  
Waste Containers –  
Compatibility Dimensions*



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

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

Waste Containers — Compatibility Dimensions

Secretariat  
**Environmental Industry Associations**

Approved January 15, 2008  
**American National Standards Institute, Inc.**

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Table of Contents

	<b>Page</b>
<b>Foreword</b> (informative) .....	ii
<b>0 Introduction</b> (informative) .....	1
<b>1 Scope</b> .....	1
<b>2 Normative references</b> .....	5
<b>3 Definitions</b> .....	5
<b>4 Safety requirements</b> .....	7
<b>5 Markings</b> .....	7
<b>6 Responsibilities</b> .....	8
<b>7 Dimensional requirements</b> .....	9

**Figures**

<b>1a</b> Typical Refuse containers .....	2
<b>1b</b> Typical Refuse containers .....	3
<b>2</b> Refuse containers excluded.....	4
<b>3</b> Type B container .....	11
<b>4</b> Type B container lifter attachment points .....	12
<b>5</b> Type C container .....	14
<b>6</b> Type D container .....	16
<b>7</b> Type G container.....	18
<b>8</b> Type T container (2.3 cubic meters or less).....	20
<b>9</b> Type T container (more than 2.3 cubic meters) .....	22
<b>10</b> Type U container .....	25
<b>11</b> Type */C container.....	26
<b>12</b> Type H container .....	28
<b>13</b> Type I container.....	31
<b>14</b> Type I container stops and detents detail.....	32
<b>15</b> Type L container.....	34
<b>16</b> Type S container .....	37

**Tables**

<b>1</b> Dimensional requirements for Type B containers .....	9
<b>2</b> Dimensional requirements for Type C containers .....	13
<b>3</b> Dimensional requirements for Type D containers .....	15
<b>4</b> Dimensional requirements for Type G containers .....	17
<b>5</b> Dimensional requirements for Type T containers (2.3 cubic meters or less) .....	19
<b>6</b> Dimensional requirements for Type T containers (More than 2.3 cubic meters).....	21
<b>7</b> Dimensional requirements for Type U containers .....	23
<b>8</b> Dimensional requirements for Type */C containers.....	26
<b>9</b> Dimensional requirements for Type H containers .....	27
<b>10</b> Dimensional requirements for Type I containers.....	29
<b>11</b> Dimensional requirements for Type L containers.....	33
<b>12</b> Dimensional requirements for Type S containers .....	35

**AMERICAN NATIONAL STANDARD**

**ANSI Z245.60 - 2008**

**FOREWORD** (This foreword is not part of American National Standard Z245.60 - 2008)

This revised standard replaces ANSI Z245.60 –1999, *Equipment Technology and Operations for Wastes and Recyclable Materials — Waste Containers — Compatibility Dimensions*. For a waste container to be marked as a specific type of container, those containers manufactured after the effective date of this standard, must comply with ANSI Z245.60-2008.

This revision establishes dimensions for refuse containers commonly used in conjunction with mobile equipment used to collect, compact and transport waste and recyclables, and occasionally with stationary waste processing and compaction equipment that use mechanical means to lift and empty these containers into the loading hopper. It is intended to assist manufacturers of truck bodies and lifting equipment in designing devices that can safely accommodate a wide range of commonly used containers. Also, labeling according to this standard will assist the users of such equipment in identifying with certainty that a container so marked is compatible with a lifting device designed to accommodate containers of the same type.

It is recognized that individuals may prefer to use containers that do not conform to these dimensions, and that such specialty designs can be safely handled by certain lifting systems. The standard does not intend to restrict manufacturing or the use of other designs. This standard is intended to encourage widespread use of common dimensions to facilitate interchange of different manufacturers' product lines, and create an easily recognizable means for waste industry workers to safely match containers and lifting devices.

The effective date of this standard will be 18 months after the date of approval by the American National Standards Institute. Containers manufactured prior to the effective date of this standard are subject to the requirements of previous editions of ANSI Z245.60 (1999, 1996, 1990) *For Refuse Collection, Processing, and Disposal Equipment — Waste Containers — Compatibility Dimensions*.

Many containers manufactured prior to this standard may also meet the requirements of the dimensional specifications for the various types of containers. Employers are encouraged to identify and label such containers as described in this standard in order to assist employees in determining compatibility with lifting systems.

To gain access to a larger variety of lifting equipment types, manufacturers may choose to design containers to meet the dimensional requirements of more than one container type. In such a case they may label these containers for each type for which the requirements are met.

This revised standard was developed by the Accredited Standards Committee (ASC) Z245 Subcommittee 6 (Container Compatibility). In addition to the subcommittee members, the original standard was developed by the following organizations: the Transportation and Container Project Working Groups of the Waste Equipment Technology Association (WASTEC) and independent manufacturers of refuse containers.

At the time this revised standard was approved, a number of commonly used types of containers were included for which consensus was reached regarding common dimensions critical to assuring compatibility with lifting systems. The ASC Z245 Committee will include other container types that may be developed in the future, and others for which consensus has not yet been reached on dimensional requirements in future revisions of this standard. Proposals should be forwarded to the Secretary of the ASC Z245 Committee.

Suggested changes, inquiries, and requests for interpretation 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, DC 20008.

**AMERICAN NATIONAL STANDARD**

**ANSI Z245.60 - 2008**

This revised 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 committee members voted for its approval. At the time it approved this revision, the Z245 Committee had the following members:

Gary Satterfield, Chairman  
Craig Wallwork, Secretary

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

**AMERICAN NATIONAL STANDARD**

**ANSI Z245.60 - 2008**

ASC Z245 Subcommittee 6 (Container Compatibility), which drafted this revised standard, had the following members:

Denny Gill, Chairman  
Phillip Headley, Secretary

Elizabeth Alfaro  
Neil Allison  
Gaetan Bolduc  
Kathy Bolhouse  
Joe Bollo  
Pamela Brant  
Bruce Clark  
Steve David  
Dale Deist  
Dennis Dorr  
Charles Duell  
Susan Eppes  
Gary Fleming  
John Ford  
Bill Geise  
Steve Ginter  
Steve Gustin  
Odis Hamill  
Larry Hanska  
Shannon Harrop  
Larry Horning  
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Dan Lynch  
W. A. Martin

Bob McClain  
Ron McCracken  
Gary McLeskey  
Rock Nolet  
Fran Oliver  
Jerry Ooten  
Roger Oukrop  
Tim Perkins  
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Denny Pool  
Greg Pugh  
Robert Riethmiller  
Jim Roseberry  
Gary Satterfield  
Mike Schwalbach  
Tom Shearer  
Kent Spiers  
Jerry Van Beek  
Jim Vlaanderen  
Hans Vooys  
Kevin Weaver  
Steve Wienkes  
Mark Williams  
Jerry Zanzig  
Dave Zrostlik

**AMERICAN NATIONAL STANDARD**

**ANSI Z245.60 - 2008**

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

## Waste Containers — Compatibility Dimensions

### 0 Introduction

This standard was developed by American National Standards Institute Accredited Standards Committee Z245 Subcommittee 6 on Container Compatibility and approved by Accredited Standards Committee Z245.

This standard revises the waste container compatibility dimensions found in ANSI Z245.60-1999 by providing specific dimensions for waste containers.

This standard complements ANSI Z245.30-2008, which details the safety requirements for waste container construction and use.

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.

### 1 Scope

**1.1** This standard applies to newly manufactured containers that are used in conjunction with the collection, processing and disposal (including the diversion of wastes for recycling) of municipal, commercial and industrial solid wastes by private companies and public entities. Containers may vary widely as to size, design and other characteristics. These containers are used in conjunction with mobile and stationary equipment that use mechanical means to handle the containers. Containers not in conformance with this standard may be safely handled provided the mechanism used is compatible with the dimensions of the specific container.

Figures 1a and 1b illustrate examples of various types of containers which are within the scope of this standard.

**1.2** This standard does not apply to containers intended for use by householders for their individual use which are not to be handled by mechanical container lifting and dumping mechanisms.

Figure 2 illustrates examples of various types of containers which are not within the scope of this standard.

**1.3** This standard applies to mobile containers usually mounted on casters or wheels; stationary containers with 3 cu. yd.<sup>3</sup> (2.3 cubic meters) capacity and larger; and specially designed containers