

# 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 –  
**Baling Equipment –  
Safety Requirements for Installation,  
Maintenance, Modification, Repair and  
Operation***



WASTE EQUIPMENT TECHNOLOGY ASSOCIATION  
A PART OF THE  
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AMERICAN NATIONAL STANDARD

ANSI Z245.5-2013

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

**Baling Equipment—  
Safety Requirements for  
Installation, Maintenance, Modification, Repair, and  
Operation**

Secretariat

**Environmental Industry Associations**

Approved May 1, 2013

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## Table of Contents

SECTION.....	PAGE
Foreword .....	iii-iv
Introduction.....	1
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>2</b>
<b>3 Definitions</b> .....	<b>2-8</b>
<b>4 Installation Requirements</b> .....	<b>17</b>
<b>4.1 General</b> .....	<b>17</b>
<b>4.2 Power disconnect</b> .....	<b>17</b>
<b>4.3 Emergency controls</b> .....	<b>17</b>
<b>5 Safeguards and features</b> .....	<b>17</b>
<b>5.1 Access covers</b> .....	<b>17</b>
<b>5.2 Service openings</b> .....	<b>17</b>
<b>5.3 Controls</b> .....	<b>17-18</b>
<b>5.4 Operating switches and sensors</b> .....	<b>18</b>
<b>5.5 Security switch</b> .....	<b>18</b>
<b>5.6 Emergency controls</b> .....	<b>18-19</b>
<b>5.7 Interlocks</b> .....	<b>19</b>
<b>5.8 Guarding</b> .....	<b>19</b>
<b>5.9 Container/cart lifting systems</b> .....	<b>20-21</b>
<b>5.10 Continuously operating and unattended balers with automatic start-up</b> – additional safety features.....	<b>21-22</b>
<b>5.11 Vertical downstroke balers – additional safety features</b> .....	<b>23</b>
<b>5.12 Vertical upstroke balers – additional safety features</b> .....	<b>23</b>
<b>5.13 Horizontal balers – additional safety features</b> .....	<b>23-24</b>
<b>5.14 Safety signs: caution, warning and danger markings</b> .....	<b>24-26</b>
<b>6 Reconstruction and modification</b> .....	<b>26</b>
<b>7 Operational requirements</b> .....	<b>27</b>
<b>7.1 Owner/employer responsibilities</b> .....	<b>27-29</b>
<b>7.2 Operator/employee/user responsibilities</b> .....	<b>29</b>
<b>7.3 Procedures for the control of hazardous energy sources (lockout/tagout)</b> .....	<b>30-31</b>
<b>7.4 Procedures for work in confined spaces</b> .....	<b>31-32</b>
<b>7.5 Procedures for electrical arc flash and shock safety</b> .....	<b>32</b>
<b>8 Safety and training program</b> .....	<b>32</b>
<b>8.1 General</b> .....	<b>32</b>
<b>8.2 Safety program</b> .....	<b>32-33</b>
<b>8.3 General training</b> .....	<b>33-34</b>
<b>8.4 Training requirements</b> .....	<b>34</b>
 <b>Appendix</b>	
<b>A Bibliography (informative)</b> .....	<b>35</b>
<b>A.1 General</b> .....	<b>35</b>
<b>A.2 U.S. Government Health &amp; Safety Regulations</b> .....	<b>35</b>

**ANSI Z245.5-2013**

**A.3** Industry standards .....35

**FIGURES**

**1** Vertical downstroke baler .....9  
**2** Vertical upstroke baler (chain driven) .....10  
**3** Horizontal extrusion baler .....11  
**4** Horizontal closed-chamber baler .....11  
**5** Two-stage vertical/horizontal (continuous) extrusion baler .....12  
**6** Two-stage horizontal baler (two compression strokes) .....13  
**7** Two-ram horizontal baler with single-compression cylinder .....14  
**8** Open end Auto-tie .....15  
**9** Two- Ram .....16  
**10** Guard or loading hopper minimum load height for balers .....20

**FOREWORD** (This Foreword is not a part of American National Standard Z245.5-2013)

This American National Standard is applicable to the safety requirements for the installation, maintenance and operation of commercial baling equipment. A companion standard, ANSI Z245.51–2013 establishes safety requirements for the design and construction of commercial baling equipment commonly used in recycling, solid waste disposal and raw materials handling. Both these standards taken together revise and replace ANSI Z245.5–2008.

The effective date of this standard shall be 12 months after the approval date of this standard by the American National Standards Institute, Inc. For all baling equipment manufactured prior to 12 months after the approval date of this standard, please refer to the previous editions of the ANSI Z245.5 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:

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

## Baling Equipment — Safety Requirements for Installation, Maintenance and Operation

### Introduction

This standard was developed by American National Standards Institute Accredited Standards Committee Z245 Subcommittee 5 on Balers and approved by Accredited Standards Committee Z245.

This standard revises the baling equipment safety requirements found in ANSI Z245.5-2008 by providing specific requirements for installation, maintenance, repair and operation necessary to ensure the safe operation of the baler.

This standard complements ANSI Z245.51-2013, *Baling Equipment – Safety Requirements*, which details the safety requirements for design and construction of balers.

The requirements contained in this standard pertain to new balers as produced by the manufacturer. New requirements and revisions are not intended to be retroactive for balers manufactured to comply with earlier revisions of this standard. Refer to the approved edition of ANSI Z245.5 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 baler is part of a designed 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.

### 1. Scope

**1.1** This standard revises safety requirements with respect to the installation, operation, maintenance, service, repair, modification, and reconstruction (where applicable) of baling equipment covered by ANSI Z245.5 - 2008, *Baling Equipment – Safety Requirements*.

**1.2** The requirements of this standard apply to balers 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.