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AMERICAN NATIONAL STANDARD

Safety standard — Stand-alone platen presses

SECRETARIAT
NPES THE ASSOCIATION FOR SUPPLIERS OF PRINTING, PUBLISHING
AND CONVERTING TECHNOLOGIES

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AMERICAN NATIONAL STANDARDS INSTITUTE, INC.

B65



AMERICAN NATIONAL STANDARD

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Contents

Foreword.....	v
Introduction.....	vii
1 Scope	1
2 Effective date	1
3 Field of application	1
3.1 New equipment	1
3.2 Existing equipment.....	1
3.3 New installation or relocation of older equipment.....	1
3.4 Rebuilding or modification of existing equipment.....	2
4 Classification	2
4.1 Sheet-fed presses.....	2
4.2 Web-fed presses.....	2
5 Normative references	2
6 Definitions	3
7 Control stations	4
7.1 Operator control stations	4
7.2 Other control stations	4
8 Safety signaling system.....	4
8.1 Audible alarm	5
8.2 Personnel warning lights.....	5
8.3 Warning period	5
8.4 Permissive period.....	6
9 Pushbuttons	6
9.1 Types of pushbuttons	6
9.2 Mechanical specification of pushbuttons.....	7
10 Pushbutton functions.....	8
10.1 Inch.....	8
10.2 Faster	8
10.3 Slower	8
10.4 Run.....	8
10.5 Stop/Safe-Ready	9
10.6 Emergency Stop	9
10.7 Automatic Faster (Resume).....	9
10.8 Programmed Position	9
10.9 Reset	9
11 Other controls	9
11.1 Control to permit manual movement of press.....	9
11.2 Selector switches	9
11.3 Two-hand controls.....	9
12 Component failure	10
13 Power failure	10

14	Automatic stop.....	11
15	Main drive braking and clutch/braking mechanism.....	11
16	Protection from mechanical hazards.....	11
16.1	Guarding.....	11
16.2	Interlocks.....	14
16.3	Additional guarding for manually fed platen presses.....	15
16.4	Flywheels.....	24
16.5	Clutch/brake mechanism.....	24
16.6	Gripper chain lock.....	25
16.7	Other safety devices.....	25
17	Safety signs and labels.....	25
18	Service and make-ready procedures.....	25
18.1	Application of lockout/tagout.....	25
18.2	Inch-Safe-Service method.....	25
18.3	Additional rules for using the Stop/Safe-Ready pushbutton.....	26
19	Responsibilities.....	26
19.1	Employer/owner responsibility.....	26
19.2	Employee responsibility.....	27
19.3	Manufacturer/supplier responsibility.....	27
19.4	Responsibility of others.....	27
	Annex A (informative) Conversions between metric and standard system of units.....	28

Foreword

This standard was developed to help reduce the risk of injury to operating personnel and laymen who may come into contact with a stand-alone platen press.

The B65 Committee was accredited by the American National Standards Institute in 1983 to serve as the coordinator of graphic arts standards activities. B65 develops safety standards for the printing and publishing industry.

The B65 Committee recommends the voluntary adoption and use of this standard by the printing industry and its suppliers. It is hoped that individual companies will not only use it in the purchase of new equipment, but will also apply the requirements of this standard during any major change or alteration to existing equipment.

It is recommended that this standard, or applicable parts of it, be referenced in purchase orders for press equipment, when appropriate, thus making its provisions a part of the purchase contract.

It is also recommended that this standard be a part of the total safety program in the workplace. Application of this standard will promote safety and increase productivity, and management at all levels is urged to recommend its acceptance.

Requests for interpretation must be sent in writing to the B65 Secretariat. This request will be forwarded to the appropriate committee, which will review the request in accordance with the B65 Committee Procedures for Interpretations and will provide a written response. A statement, written or oral, that is not processed in accordance with the procedures noted above will not be considered the official position of the B65 Committee, and should not be relied upon as a Formal Interpretation.

Suggestions for improving this standard are welcomed. They should be sent to the B65 Secretariat, NPES The Association for Suppliers of Printing, Publishing and Converting Technologies, 1899 Preston White Drive, Reston, Virginia 22091-4367.

This standard was prepared and approved by B65 Subcommittee 4, which had the following membership:

Chairman: Michel Cartier

Secretary: Mary Abbott

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This standard was processed and approved for submittal to ANSI by the members of the B65 Committee. Committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time this standard was approved the leadership of the B65 Committee was as follows:

Chairman: Robert Kinson
Vice Chairman: Robert Reger
Secretary: Mary Abbott

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Introduction

The purpose of this standard is to reduce the risk of injury to operating personnel working on stand-alone platen presses. To accomplish this objective, it was decided that in addition to specifications for controls, the standard should address the most significant hazards encountered during use of stand-alone platen presses.

The process of establishing guarding standards is complicated by the wide variety and size of equipment currently operating. To make the effort manageable, it was decided to address the most significant hazards, namely, those hazards created by point of operation of manually fed platen presses and specific concerns due to the use of a flywheel, in an effort to establish design and operation guidelines and practices for the broadest categories of presses.

Nevertheless, hazards may remain and even strict compliance with the guarding requirements of this standard does not guarantee that all injuries will be prevented.

To accomplish its objective and to address residual hazards, the committee felt it was necessary to prescribe basic safe operating practices and training requirements.

This is a preview of "ANSI B65.5 2006". [Click here to purchase the full version from the ANSI store.](#)

Safety standard — Stand-alone platen presses

1 Scope

This standard is intended to reduce the risk of injury due to mechanical hazards for the operator and layman who may come into contact with the stand-alone platen press.

This standard provides operational and mechanical safety specifications for the design and use of webfed and sheetfed stand-alone platen press systems intended for diecutting, embossing, foil stamping and/or printing of paper, board and other materials processed in a similar manner.

This standard applies to presses with a flat bed and platen (formerly known as job platen presses) driven by electro-mechanical means, often in conjunction with one or more flywheels.

This standard does not include mechanical power presses as covered under ANSI B11.1 and referenced in OSHA 1910.217, or presses powered by pneumatic or hydraulic means. It does not cover presses designed to handle metal material other than foil.

2 Effective date

The provisions of this standard shall become effective one year from the date of approval by the American National Standards Institute (ANSI).

3 Field of application

3.1 New equipment

The requirements of this standard shall apply to all newly manufactured platen presses installed in the United States.

3.2 Existing equipment

All existing platen presses installed prior to the approval date of this standard shall be brought into compliance with the provisions of this standard by the employer or owner of the press within 36 months of the effective date of this standard (see Clause 2).

As of the effective date of this standard, the equipment owner shall have a plan for modifying existing equipment to meet the requirements of this standard within the timeframe stated above.

3.3 New installation or relocation of older equipment

The requirements of this standard shall apply to all new installations or relocation of older equipment and compliance shall be the responsibility of the owner.

This shall apply immediately upon relocation or new installation of the older equipment, regardless of where it may fall within the timeframe stated in 3.2.

NOTE "Relocation" includes moving the equipment to another location within the same facility, or moving the equipment to another facility.