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for

Transport Platforms



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ANSI/SIA
A92.10-2009

AMERICAN NATIONAL STANDARD
for TRANSPORT PLATFORMS

Secretariat
Scaffold Industry Association, Inc.

Approved October 9, 2009
American National Standards Institute, Inc

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FOREWORD

This foreword is not part of American National Standard for Transport Platforms, ANSI/SIA A92.10-2009.

This standard is one of a series on aerial platforms developed under the committee procedures of the American National Standards Institute. The A92 standards committee was organized by the Institute in 1948. The Scaffold Industry Association, Inc. serves as Secretariat.

The primary objective of this standard is to prevent accidents associated with the use of Transport Platforms by establishing requirements for design manufacture, installation, maintenance, performance, use and training.

Interpretations and Suggestions for Improvement

All inquiries requesting interpretation of the Committee’s approved American National Standards must be in writing and directed to the Secretariat. The A92 Committee shall approve the interpretation before submission to the inquirer. No one but the A92 Committee is authorized to provide any interpretation of this standard.

The A92 Committee solicits comments on and criticism of the requirements of the standards. The standards will be revised from time to time where necessary or desirable, as demonstrated by the experience gained from the application of the standards. Proposals for improvement of this standard will be welcome. Proposals should be as specific as possible, citing the paragraph number(s), the proposed wording, and a detailed rationale for the proposal including any pertinent documentation.

All requests for interpretation and all suggestions for improvement shall be forwarded in writing to the ASC A92 Committee, c/o Secretariat ~ Scaffold Industry Association, 400 Admiral Boulevard, Kansas City, MO 64106

This Standard was processed and approved for submittal to ANSI by Accredited Standards Committee Aerial Platforms, A92 Aerial Work Platforms. The ASC A92 committee approval of the standard does not necessarily imply that all committee members voted for its approval. At the time the ASC A92 committee approved this standard, the A92 Aerial Work Platforms Committee had the following members:

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1 Scope, purpose and application

1.1 Scope

This standard applies to Transport Platforms that are primarily used as a tool of the trade to vertically transport authorized persons, along with materials and necessary tools, to various access levels on a building or structure for construction, renovation, maintenance or other types of work. (See Figure I and Figure II on the following pages for typical examples of equipment covered). Some of the key requirements of this standard include, but are not limited to the following:

- a) Only authorized persons as defined by this Standard are permitted to be on the Transport Platform. The authorized persons shall have the necessary knowledge or experience or shall have received training prior to being on the Transport Platform. As a minimum, the training for Transport Platforms shall be the same as training requirements for scaffolds as set out in OSHA-CFR Subpart L, Scaffolds -1926.454 -Training Requirements.¹ (end of document)
- b) the maximum number of authorized persons permitted on the platform shall be limited to the number equaling no more than 50% of the platform rated load capacity at 200 lbs per person
- c) the maximum vertical travel speed of the Transport Platform shall not exceed 40 ft/min (12 m/min)
- d) the Transport Platform shall operate at a safe minimum travel distance of 18 in. (0.46 m) from the building or structure
- e) the Transport Platform shall be operated from controls located on the platform by an authorized person trained by a competent person

1.2 Application

1.2.1

This standard is applicable to transport platforms elevated by a mechanical drive system and guided by and moving along their supporting masts, where the mast requires lateral restraint from separate supporting structures.

1.2.2

This standard is applicable to any combination of the

following alternatives:

- a) one or more masts
- b) mast of fixed or variable length
- c) vertical masts or inclined between 0° and 30° to the vertical
- d) driven using electric, pneumatic, hydraulic motors or internal combustion engines

1.3 Effective Dates

The design and manufacturing requirements of this standard apply to all Transport Platforms manufactured on or after the effective date of this standard. All other provisions of this standard apply to both new and existing units delivered by sale, lease, rental or for any form of beneficial use on or after the effective date.

1.4 Requirements

Requirements of this standard are meant to:

- a) assist in the prevention of personal injuries and accidents.
- b) establish the criteria for design, manufacture, performance, inspection, training, maintenance, testing and operation.
- c) allow designers, manufacturers, dealers, owners, authorized persons, users, lessors, and lessees to establish and understand their respective responsibilities.

1.5 Exclusions

This standard does not specify the requirements for dealing with the hazards involved in the maneuvering, erection or dismantling, fixing or removing of any materials or equipment that are not part of the Transport Platform. Neither does it deal with the handling of specific hazardous materials.

1.6

This standard specifically deals with the requirements for delivering authorized persons and materials to fixed landing levels.

1.7

Transport Platforms are generally intended for use over level surfaces. Normally, they are not insulated for use near electrically energized circuits nor are