ANSI/SAIA A92.22 – 2021

MOBILE ELEVATING WORK PLATFORMS (MEWPS)

SAFE USE

SAIA SCAFFOLD & ACCESS INDUSTRY ASSOCIATION

ANSI American National Standards Institute

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ANSI/SAIA
A92.22-2021

AMERICAN NATIONAL STANDARD for the SAFE USE of MOBILE ELEVATING WORK PLATFORMS (MEWPs)

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Approved
American National Standards Institute, Inc.

American National Standard

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Foreword

This foreword is not part of American National Standard for A92.22-2021

This standard is one of a series on Mobile Elevating Work Platforms developed under the committee procedures of the American National Standards Institute. The accredited A92 standards committee was organized by the Institute in 1948. The Scaffold & Access Industry Association Inc. serves as Secretariat.

The primary objective of this standard is to define rules for safeguarding persons and objects against the risk of accident associated with the operation of mobile elevating work platforms (hereafter referred to as MEWPs).

Interpretations and Suggestions for Improvement

All inquiries requesting interpretation of the Committee's approved American National Standards shall 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.

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

The A92 Committee solicits comments on and criticism of the requirements of the standards. The standards will be revised from time to time when 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.

This Standard was processed and approved for submittal to ANSI by Accredited Standards Committee A92 - Aerial Platforms. The ASC A92 Main Committee's 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 Platforms Committee had the following members:

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Introduction

This American National Standard is one of a series of standards produced by ANSI/SAIA A92 as part of its program of work regarding standardization of terminology, ratings, general principles (technical performance requirements and risk assessment), safety requirements, test methods, maintenance and operation for elevating work platforms used to raise (elevate) and position personnel (and related work tools and materials).

This Standard, ANSI/SAIA A92.22, along with companion Standards ANSI/SAIA A92.20 and ANSI/SAIA A92.24, have been developed to replace existing Standards ANSI/SAIA A92.3, ANSI/SAIA A92.5, ANSI/SAIA A92.6 and ANSI/SAIA A92.8. The reasoning that led to the development of these three new Standards was: to combine the requirements for MEWPs exhibiting similar configuration and application; to more closely harmonize with existing ISO Standards; and to more closely relate to a specific audience.

American National Standard for the Safe Use of Mobile Elevating Work Platforms (MEWPs)

1. Scope and Purpose

1.1 Scope

1.1.1 Equipment Covered

This Standard specifies requirements for application, inspection, training, maintenance, repair and safe operation of Mobile Elevating Work Platforms (hereafter known as MEWPs).

It applies to all types and sizes of MEWPs as specified in ANSI/SAIA A92.20 (design, calculations, safety requirements and test methods) that are intended to position personnel along with their necessary tools and materials, at work locations

Any MEWP covered by this standard is prohibited from use when working on or near equipment or circuits which may be energized (see Section 6.8.12). The operation of any MEWP used for this work shall conform to the requirements of the ANSI/SAIA A92.2 Vehicle Mounted Elevating and Rotating Aerial Devices standard.

1.1.2 Effective Date

This standard will become effective August 15, 2021 for responsibilities for manufacturers, dealers, owners, users, supervisors, operators, occupants, lessors, lessees and brokers for both new and existing units delivered by sale, lease, rental or any form of beneficial use on or after that effective date.

1.1.3 MEWP Classifications

MEWP classifications are made up of a MEWP group (platform location in reference to tipping line) with an associated MEWP type (reference to traveling).

Note: See definitions for Group and Type.

Training shall comply with ANSI/SAIA A92.24 Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevated Work Platforms (MEWPs) and shall identify both the group and type of the equipment for which training is provided.

NOTE See Appendix A for typical examples of equipment covered by each classification.

1.1.4 Applicability

This American National Standard is not applicable to:

a) permanently installed personnel-lifting appliances serving defined levels,
b) fire-fighting and fire rescue appliances,
c) unguided work cages suspended from lifting appliances,
d) elevating operator position on rail-dependent storage and retrieval equipment,
e) tail lifts,
f) mast-climbing work platforms (see ANSI/SAIA A92.9),
g) fairground equipment,
h) lifting tables with a lifting height of less than 2 m (6.56 ft.),
i) builder's hoists for persons and materials,