

# American National Standard

*for*  
***Self-Propelled Elevating Work Platforms***

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**American National Standards Institute**

11 West 42nd Street  
New York, New York

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**This Standard will become effective January 2, 2000**

**The design and manufacturing requirements of this standard apply to all aerial platforms manufactured on or after the effective date. 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.**

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ANSI/SIA  
A92.6-1999  
Revision of  
ANSI A92.6-1990

# **American National Standard for Self-Propelled Elevating Work Platforms**

Secretariat

**Scaffold Industry Association, Inc.**

Approved April 30, 1999

**American National Standards Institute, Inc.**

# American National Standard

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## Foreword

(This Foreword is not part of American National Standard for Self-Propelled Elevating Work Platforms, ANSI/SIA A92.6-1999.)

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 serves as Secretariat.

The primary objective of this standard is to prevent accidents associated with the use of self-propelled elevating work platforms by establishing requirements for design, manufacture, maintenance, performance, use and training.

This revision to ANSI/A92.6-1990 separately addresses each entity to clearly define responsibilities. Care was taken to provide consistency between this and other A92 standards. Definitions have been expanded to clarify interpretation.

### 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 should be sent to the A92 Committee, Scaffold Industry Association, 20335 Ventura Blvd., Suite 310, Woodland Hills, CA 91364-2471

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

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# Contents

SECTION	PAGE
1. Scope, Purpose and Application	11
1.1 Scope	11
1.1.1 Equipment Covered	11
1.1.2 Effective Dates	11
1.1.3 Equipment not Covered	11
1.2 Purpose	11
1.3 Application	11
2. Referenced and Related American National Standards and Scaffold Industry Association Publications	12
2.1 Referenced American National Standards	12
2.2 Other Referenced Standards	12
2.3 Related American National Standards	12
2.4 Referenced Scaffold Industry Association Publication(s)	12
2.5 Related Scaffold Industry Association Publication(s)	12
3. Definitions	13
4. Responsibilities of Manufacturers	14
4.1 Basic Principles	14
4.2 Rated Workload	14
4.3 Quality Control	14
4.3.1 Proof Test	14
4.4 Welding Standards	14
4.5 Structural Safety Factors	15
4.5.1 Load-Supporting Elements	15
4.5.2 Nonductile Materials	15
4.5.3 Structural Safety Factor Formulas	15
4.6 Controls	15
4.6.1 Upper Controls	15
4.6.2 Lower Controls	15
4.6.3 Emergency Stop Device	15
4.6.4 Emergency Lowering	15
4.6.5 Security	15
4.6.6 Slope Warning	15
4.7 Stability Testing	16
4.7.1 Horizontal Load Test	16
4.7.2 Vertical Load Test	16
4.7.3 Static Load Test on Slope	16
4.7.4 Test Requirements for Driving	16
4.7.4.1 Dynamic Curb Test	16
4.7.4.2 Depression Test	16
4.8 Interlock Requirements	16
4.8.1 Driving	16
4.8.2 Stabilizing Devices	16
4.9 Bursting Safety Factors.	16
4.10 System Protection	17
4.10.1 Wire Rope or Chain Safety Factor	17
4.10.2 Unintended Platform Motion	17
4.10.2.1 Hydraulic/Pneumatic System	17
4.10.2.2 Wire Rope/Chain System	17
4.10.3 Unintended Retraction of Outriggers or Stabilizers	17
4.11 Personal Protection.	17
4.11.1 Personal Protection	17

4.11.2	Warning for Platform Lowering	17
4.12	Platforms	17
4.12.1	Width and Surface	17
4.12.2	Guardrail System	17
4.12.2.1	Toprail	17
4.12.2.2	Midrail	17
4.12.2.3	Flexible Materials	17
4.12.2.4	Structural Integrity	17
4.12.3	Toeboards	17
4.12.4	Access	17
4.12.5	Anchorage(s)	17
4.13	Instructions and Markings	17
4.13.1	Manufacturer's Information	17
4.13.2	Platform Workloads	18
4.14	Brakes	18
4.14.1	Holding Brake	18
4.14.2	Dynamic Brakes	18
4.14.3	Combination Brakes	18
4.15	Power System	18
4.15.1	Fuel and Exhaust	18
4.15.2	Battery Location	18
4.15.3	Hourmeter	19
4.16	Manuals	19
4.16.1	Operating and Maintenance Manuals	19
4.16.2	Repair and Parts Manual	19
4.17	Weather-Resistant Storage	19
4.18	Electrical System	19
4.19	Training and Training Materials	19
4.20	Manufacturer as Dealer	19
5.	Responsibilities of Dealers	19
5.1	Basic Principles	19
5.2	Manuals	19
5.2.1	Machine Manual(s)	19
5.2.2	Manual of Responsibilities	19
5.3	Pre-Delivery Preparation	19
5.4	Maintenance, Inspection and Repair	19
5.4.1	Maintenance	19
5.4.2	Inspection	19
5.4.3	Repairs	19
5.5	Maintenance Safety Precautions	19
5.6	Replacement Parts	20
5.7	Training	20
5.8	Familiarization on Delivery	20
5.9	Dealer as User	20
5.10	Assistance to Owners and Users	20
5.11	Record Retention and Dissemination	20
5.11.1	Record Retention	20
5.11.2	Proof of Training	20
5.11.3	Record Dissemination	20
5.12	Modifications	20
5.13	Manufacturer's Safety Bulletins	20
5.14	Responsibilities upon Sale	21



6. Responsibilities of Owners	.21
6.1 Basic Principles	.21
6.2 Responsibilities upon Purchase	.21
6.3 Manuals	.21
6.3.1 Machine Manual(s)	.21
6.3.2 Manual of Responsibilities	.21
6.4 Maintenance, Inspection and Repair	.21
6.4.1 Maintenance	.21
6.4.2 Inspection	.21
6.4.3 Repairs	.21
6.5 Pre-Delivery Preparation	.21
6.6 Frequent Inspection	.21
6.7 Annual Inspection	.22
6.8 Maintenance Safety Precautions	.22
6.9 Replacement Parts	.22
6.10 Maintenance and Inspection Training	.22
6.11 Training	.22
6.11.1 Operator Training	.22
6.11.2 Assistance to User	.22
6.12 Familiarization upon Delivery	.22
6.13 Operation	.22
6.14 Assistance to Users and Operators	.22
6.15 Record Retention and Dissemination	.22
6.15.1 Record Retention	.22
6.15.2 Proof of Training	.23
6.15.3 Record Dissemination	.23
6.16 Modifications	.23
6.17 Manufacturer's Safety Bulletins	.23
6.18 Responsibilities upon Sale	.23
7. Responsibilities of Users	.23
7.1 Basic Principles	.23
7.2 Manuals	.23
7.2.1 Machine Manual(s)	.23
7.2.2 Manual of Responsibilities	.23
7.3 Inspection and Maintenance	.23
7.3.1 Frequent Inspection	.23
7.3.2 Annual Inspection	.24
7.3.3 Pre-Start Inspection	.24
7.3.4 Maintenance Safety Precautions	.24
7.4 Replacement Parts	.24
7.5 Maintenance Training	.24
7.6 Operator Training and Retraining	.24
7.6.1 Trainee Records	.24
7.7 Familiarization Before Use	.24
7.8 Workplace Inspection	.24
7.9 Determination of Hazardous Locations	.24
7.10 Operator Warnings and Instructions	.25
7.11 User as Operator	.26
7.12 Shutdown of Aerial Platform	.26
7.13 Record Retention and Dissemination	.26
7.13.1 Record Retention	.26
7.13.2 Record Dissemination	.27
7.13.3 Proof of Training	.27

7.14	Modifications	.27
7.15	Manufacturer's Safety Bulletins	.27
8.	Responsibilities of Operators	.27
8.1	Basic Principles	.27
8.2	Manuals	.27
8.2.1	Machine Manuals	.27
8.2.2	Manual of Responsibilities	.27
8.3	Pre-Start Inspection	.27
8.4	Problems or Malfunctions	.27
8.5	Training, Retraining, and Familiarization	.27
8.5.1	General Training	.27
8.5.2	Retraining	.28
8.5.3	Familiarization	.28
8.6	Before Operation	.28
8.7	Workplace Inspection	.28
8.8	Prior to Each Elevation	.28
8.9	Understanding of Hazardous Locations	.28
8.10	Operator Warnings and Instructions	.28
8.11	Record of Training	.30
9.	Responsibilities of Lessors	.30
9.1	Basic Principles	.30
9.2	Lessor as a Dealer	.30
9.3	Lessor as an Owner	.30
9.4	Lessor as a User	.30
9.5	Lessor as an Operator	.30
10.	Responsibilities of Lessees	.30
10.1	Basic Principles	.30
10.2	Lessee as a Dealer	.30
10.3	Lessee as an Owner	.30
10.4	Lessee as a User	.30
10.5	Lessee as an Operator	.31
11.	Responsibilities of Broker	.31
11.1	Responsibilities upon Sale	.31
11.2	Responsibilities with Re-rents, Leases, or any other Form of Beneficial Use	.31
	Figure 1 – Typical Examples of Equipment Covered	.32
	Figure 2 – Illustration of Horizontal Load Tests	.33
	Figure 2 – Illustration of Static Tests Required on a Slope	.34
	Figure 3 - Illustration of Depression Test	.35
	Figure 4 - Minimum Safe Approach Distance (MSAD) (Including Table 1)	.36

# American National Standard for Self-Propelled Elevating Work Platforms

## 1. SCOPE, PURPOSE AND APPLICATION

### 1.1 SCOPE

**1.1.1 Equipment Covered.** This standard applies to self-propelled integral chassis aerial platforms having a platform that cannot be positioned completely beyond the base and are used to position personnel, along with their necessary tools and materials, at work locations. Aerial platforms are power operated with primary functions including drive controlled from the platform (see Figure 1 for examples).

**1.1.2 Effective Dates.** The Standard will become effective January 2, 2000 as follows:

(1) Design, manufacture and remanufacture requirements. The design and manufacturing requirements of this Standard will apply to all aerial platforms manufactured on or after the effective date. Aerial platforms remanufactured on or after the effective date of this standard shall comply with the requirements of this standard.

(2) Rebuild/reconditioned requirements. Rebuilt/reconditioned aerial platforms shall comply with the standard in effect as of the date of their original manufacture.

(3) Responsibilities for dealers, owners, users, operators, lessors, lessees and brokers. All provisions detailed for dealers, owners, users, operators, lessors, lessees and brokers apply to both new and existing units delivered by sale, lease, rental or any form of beneficial use on or after the effective date.

#### 1.1.3 Equipment not covered.

(1) Ladder and ladder stands such as those covered in American National Standards for Ladder and Ladder Stands, ANSI A14 series.

(2) Scaffolding such as those covered in American National Standard for Construction and Demolition Operations Scaffolding Safety Requirements, ANSI A10.8-1988.

(3) Vehicle and trailer-mounted elevating and rotating aerial platforms such as those covered in American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices, ANSI/SIA A92.2-1990.

(4) Non self-propelled elevating aerial platforms such as those covered in American National Standard for Manually-Propelled Elevating Aerial Platforms, ANSI/SIA A92.3-1990.

(5) Self propelled elevating aerial platforms such as those covered in American National Standards for Boom-Supported Elevating Work Platforms, ANSI/SIA A92.5-1992.

(6) Vehicle-mounted vertical lift devices such as those covered in American National Standard for Airline Ground Supported Vehicle-Mounted Vertical Lifts, ANSI/ SIA A92.7-1990 (R 1998).

(7) Vehicle-Mounted Bridge Inspection and Maintenance Devices, ANSI/SIA A92.8-1993 (R 1998).

(8) Mast Climbing Work Platforms, ANSI/SIA A92.9-1993.

(9) Suspended powered platforms for exterior building maintenance, ANSI A120.1-1992.

(10) Vertically adjustable equipment used primarily to raise and lower materials and equipment from one elevation to another such as American National Standards in the A17, B30 and B56 series.

(11) Fire-fighting equipment such as that covered in American National Standard for Automotive Fire Apparatus, ANSI/NFPA 1901-1985.

(12) Construction and demolition operation/digger derricks such as those covered in American National Standard for Construction and Demolition Safety Requirements, Definitions and Specifications, ANSI A 10.31-1995.

(13) An attachment or device which is intended to convert a non-self-propelled elevating aerial platform to a self-propelled elevating aerial platform, unless the resulting elevating aerial platform is within the scope of equipment covered as defined in 1.1.1 of this standard.

### 1.2 PURPOSE.

This standard applies to self-propelled elevating aerial platforms to achieve the following objectives:

(1) Prevention of accidents and personal injuries.

(2) Establishment of criteria for design, manufacture, remanufacture, rebuild/recondition, testing, performance, inspection, training, maintenance, and operation.

(3) Establishment and understanding by manufacturers, dealers, owners, users, operators, lessors, lessees and brokers of their respective responsibilities.

### 1.3 APPLICATION.

The rapid development of a wide variety of self-propelled elevating aerial platform designs necessitates the establishment of standards for their design, manufacture, performance, inspection, training,