



First Revision No. 4-NFPA 1931-2018 [Global Input]

Chapter 5 Ladder Accessories.
(New Chapter, see attachment)

Supplemental Information

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
1931_PI-4_5-23-18.docx	For staff use.	
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Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Wed May 16 11:10:55 EDT 2018

Committee Statement

Committee Statement: The Committee incorporated the suggestion of Public Input 4 to created a new chapter on ladder accessories.

Response Message:

[Public Input No. 4-NFPA 1931-2018 \[New Section after 4.9.2\]](#)

Chapter 5 Ladder Accessories

5.1 General Requirements.

5.1.1

Ladder accessories shall not interfere with operation of the ladder or inhibit the function of any component parts.

5.1.2

Ladder accessories shall not obstruct existing ladder markings required by 4.1.4.

5.1.3

Installed accessories shall not increase the overall dimensions of ladders.

5.1.4

Ladder accessories shall not cause the ladder to be unbalanced.

5.1.5

Accessories shall meet all of the requirements in this chapter and be certified by the manufacturer of the accessory.

5.1.6

Manufacturers of ladder accessories shall list all ladders for which their accessories have been approved for use.

5.1.7

The use of ladder accessories other than those on the ladder accessory manufacturer's approved list shall not be permitted.

5.1.8

Ladder accessory manufacturers shall provide service and use instructions for their products, including recommended preventive maintenance checks and schedules and installation and removal instructions.

5.1.9

Ladder accessories shall conform to the appropriate sections of ANSI-ASC A14.8, *American National Standard for Ladders — Safety Requirements for Ladder Accessories*.

5.1.10

Construction of ladder accessories shall meet the requirements of 4.1.3.1 and 4.1.3.2.

5.1.11

Ladder accessories shall not use metals that cause electrolytic action.

5.1.12

Ladder accessories shall not compromise duty rating (see Table 4.1.1).

5.1.13

Ladder accessories shall display markings for applicable tests.

5.1.14

Ladder accessories shall not interfere with, obstruct, or compromise any tests required by NFPA 1932.

5.1.15

A ladder accessory found to be defective or damaged shall be removed from service until repaired or replaced in accordance with the manufacturer's instructions.

5.1.16

A ladder compromised by accessory damage shall be tagged as out of service (OSS) until inspected and found in compliance with Chapter 6 of NFPA 1932.

5.1.17

Temporary repairs of compromised ladders shall not be permitted (see 6.2.2 of NFPA 1932).

5.1.18

If a ladder accessory(ies) is installed on an existing NFPA-approved ladder, service testing in accordance with Chapter 7 of NFPA 1932 shall be permitted to be performed without removing the installed ladder accessory(ies) or compromising the ladder's performance.

5.1.19

Ladder accessories and their component parts shall meet the requirements of 4.1.2.



First Revision No. 5-NFPA 1931-2018 [Section No. 2.3.1]

2.3.1 ANSI ALI Publications.

American National Standards Ladder Institute, Inc. ; 11 West 43rd Street, 4th floor 330 North Wabash Avenue, Suite 2000 , New York, NY Chicago, IL 10036 60611 .

ANSI-ASC A14.1, *American National Standard for Ladders — Wood Safety Requirements, 2000 2007* .

ANSI-ASC A14.2, *American National Standard for Ladders — Portable Metal — Safety Requirements, 2007 2017* .

ANSI-ASC A14.5, *American National Standard for Ladders — Portable Reinforced Plastic — Safety Requirements, 2007 2017* .

ANSI-ASC A14.8, *American National Standard for Ladders — Safety Requirements for Ladder Accessories , 2013*.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Thu May 17 11:09:23 EDT 2018

Committee Statement

Committee Statement: ANSI Ladder Standards updated

Response Message:

[Public Input No. 9-NFPA 1931-2018 \[Section No. 2.3.3\]](#)

**First Revision No. 14-NFPA 1931-2018 [Section No. 2.3.2]****2.3.2** ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM B117, *Standard Practice for Operating Salt Spray (Fog) Apparatus*, 2002 2016 .

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 14:49:10 EDT 2018

Committee Statement

Committee Statement: ASTM Standard updated

Response Message:

**First Revision No. 16-NFPA 1931-2018 [Section No. 3.3.14]**

3.3.14 Dogs.

~~See 3.3.27 ,Pawls.~~

Submitter Information Verification

Committee:

Submittal Date: Mon Jun 18 14:19:27 EDT 2018

Committee Statement

Committee Statement: A clarification is added to the definition of "pawls" on the term "dogs." "Dogs" is not used within the document.

Response Message:



First Revision No. 3-NFPA 1931-2018 [New Section after 3.3.23]

3.3.23 Ladder Accessory.

A device that — when installed or attached to a ladder — expands the ladder's function, utility, and safety, but is not essential for the ladder's intended function.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Wed May 16 10:38:39 EDT 2018

Committee Statement

Committee Statement: The committee incorporated a definition for ladder accessory in conjunction with the new chapter on ladder accessories.

Response Message:

[Public Input No. 10-NFPA 1931-2018 \[New Section after 3.1\]](#)

**First Revision No. 15-NFPA 1931-2018 [Section No. 3.3.27]****3.3.27** Pawls.

Devices attached to a fly section(s) to engage ladder rungs near the beams of the section below for the purpose of anchoring the fly section(s); also referred to as "dogs."

Submitter Information Verification**Committee:**

Submittal Date: Mon Jun 18 14:15:48 EDT 2018

Committee Statement

Committee Statement: The term "dogs" is viewed as interchangeable with "pawls," although pawls is the term used in the document.

Response Message:



First Revision No. 1-NFPA 1931-2018 [New Section after 3.3.30]

3.3.31 Pulley.

A device attached to a ladder section, consisting of a wheel(s) over which a rope or cable runs for the purpose of changing direction while extending or lowering an extension ladder.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 15 10:46:32 EDT 2018

Committee Statement

Committee Statement: The committee recognized a need to add a definition for pulley in the standard.

Response Message:



First Revision No. 6-NFPA 1931-2018 [Section No. 4.1.2.3]

4.1.2.3

Fiberglass materials shall meet the performance requirements of Chapter 7 of ANSI-ASC A14.5, *American National Standard for Ladders— Portable Reinforced Plastic — Safety Requirements*.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 11:05:32 EDT 2018

Committee Statement

Committee Statement: ANSI Standard updated.

Response Message:



First Revision No. 7-NFPA 1931-2018 [Section No. 4.1.2.4]

4.1.2.4

Wood components shall meet the requirements of Chapter 5 of ANSI-ASC A14.1, *American National Standard for Ladders — Wood — Safety Requirements*.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 11:07:23 EDT 2018

Committee Statement

Committee Statement: ANSI Standard updated.

Response Message:



First Revision No. 8-NFPA 1931-2018 [Section No. 4.3.2.3]

4.3.2.3

The roof hooks shall meet the design verification tests of Section 6.3 and have a minimum opening of not less than 150 mm (6 in.), measured perpendicular from the outside of the beam to the point.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 11:15:53 EDT 2018

Committee Statement

Committee Statement: Chapter change with the inclusion of a new chapter 5 for accessories.

Response Message:



First Revision No. 17-NFPA 1931-2018 [Section No. 4.4.7.5.2]

4.4.7.5.2

The label shall read as follows :

Place staypoles only when both poles can be placed properly.

Submitter Information Verification

Committee:

Submittal Date: Mon Jun 18 14:47:17 EDT 2018

Committee Statement

Committee Statement: Minor grammatical change for lead-in to requirements.

Response Message:



First Revision No. 9-NFPA 1931-2018 [Section No. 4.8.1]

4.8.1 ANSI Certification.

Multipurpose ladders shall be certified as compliant with either ANSI-ASC A14.2, *American National Standard for Ladders — Portable Metal — Safety Requirements*, or ANSI-ASC A14.5, *American National Standard for Ladders — Portable Reinforced Plastic — Safety Requirements*, with duty ratings of Type 1A or 1AA.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 11:17:52 EDT 2018

Committee Statement

Committee Statement: ANSI Titles/editions updated.

Response Message:

**First Revision No. 10-NFPA 1931-2018 [Section No. 6.3.1.5.2.1(B)]**

(B)

Each arc shall be enclosed with a No. 9200-PX clear Pyrex[™] -glass borosilicate glass globe.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 14:28:22 EDT 2018

Committee Statement

Committee Statement: Trademarked material replaced with chemical composition.

Response Message:



First Revision No. 11-NFPA 1931-2018 [Section No. B.1.1]

B.1.1 NFPA Publications.

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

NFPA 1500™, *Standard on Fire Department Occupational Safety, Health, and Health Wellness Program*, 2013 2020 edition.

NFPA 1932, *Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders*, 2015 2020 edition.

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 14:40:29 EDT 2018

Committee Statement

Committee Statement: NFPA publication editions updated

Response Message:



First Revision No. 12-NFPA 1931-2018 [Section No. B.2.1]

B.2.1 ANSI ALI Publications.

American National Standards Ladder Institute, Inc., 25 West 43rd Street, 4th floor, New York, NY 10036 330 North Wabash Avenue, Suite 2000, Chicago, IL 60611 .

ANSI-ASC A14.2, *American National Standard for Ladders — Portable Metal — Safety Requirements*, 2007 2017 .

Submitter Information Verification

Submitter Full Name: Robert Fash

Committee:

Submittal Date: Tue May 22 14:43:16 EDT 2018

Committee Statement

Committee Statement: ANSI Reference updated

Response Message: