

Subpart D	National consensus standard
§ 1910.28	ANSI A10.11, American National Standard for Safety Nets Used During Construction, Repair, and Demolition Operations. ANSI A10.14, American National Standard for Requirements for Safety Belts, Harnesses, Lanyards, Lifelines, and Drop Lines for Construction and Industrial Use. ANSI A12.1, American National Standard for Safety Requirements for Floor and Wall Openings, Railings, and Toeboards.
§ 1910.29	ANSI A39.1, American National Standard for Safety Requirements for Window Cleaning. ANSI A12.1, American National Standard for Safety Requirements for Floor and Wall Openings, Railings, and Toeboards.
§ 1910.30	ANSI A92.1, American National Standard for Manually Propelled Mobile Ladder Stands and Scaffolds (Towers).
§ 1910.31	ANSI A10.8, American National Standard for Safety Requirements for Scaffolds. ANSI A92.3, American National Standard for Manually Propelled Elevating Work Platforms.
§ 1910.32	ANSI A92.1, American National Standard for Manually Propelled Mobile Ladder Stands. None.

Appendix C to Subpart D—References for Further Information

Note: The following appendix to subpart D serves as a nonmandatory guideline to assist employers and employees in complying with these sections and to provide other helpful information. This appendix neither adds to nor detracts from the obligations contained in the OSHA standards.

The following references provide information which may be helpful in understanding and implementing these standards.

I. General References

- A. "Accident Prevention Manual for Industrial Operations"; National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611.
- B. "The BOCA Basic Building Code"; Building Officials and Code Administrators; Inc., 1313 East 60th Street, Chicago, Illinois 60637.
- C. "Southern Standard Building Code"; Southern Building Code Congress, 1116 Brown-Marx Building, Birmingham, Alabama 35203.
- D. "Uniform Building Code Standards, Volume 1"; International Conference of Building Officials, 50 South Los Robles, Pasadena, California 91101.
- E. "A History of Walkway Slip-Resistance Research at the National Bureau of Standards", Special Publication 565; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.
- F. "A New Portable Tester for the Evaluation of the Slip-Resistance of Walkway Surfaces", Technical Note 953; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.
- G. Miller, James *et al.* "Work Surface Friction: Definitions, Laboratory and Field Measurements, and a Comprehensive Bibliography"; The University of Michigan, Ann Arbor, Michigan 48109. NTIS *PB 83-243634, PE 83-243626, PB 84-175926).
- H. Chaffin, Don B. *et al.* "An Ergonomic Basis for Recommendations Pertaining to Specific Sections of OSHA Standard, 29 CFR Part 1910, subpart D—Walking and Working Surfaces"; The University of Michigan, Ann Arbor, Michigan 48109.

- I. "Accident Facts-1987 Edition"; National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611.
- J. Snyder, Richard G. "Occupational Falls"; The University of Michigan, Ann Arbor, Michigan 48109.
- K. "Occupational Fatalities Related to Roofs, Ceilings and Floors as Found in Reports of OSHA Fatality/Catastrophe Investigations"; U.S. Department of Labor, Office of Statistical Studies and Analysis, 200 Constitution Avenue, N.W., Washington, D.C. 20210.
- L. Ayoub, M. and Gary M. Bakken. "An Ergonomic Analysis of Selected Sections in Subpart D, Walking/Working Surfaces"; Texas University, Lubbock, Texas 79409.
- M. "An Overview of Floor-Slip-Resistance Research with Annotated Bibliography", Technical Note 895; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.
- N. "Occupational Fatalities Related to Miscellaneous Working Surfaces as Found in Reports of OSHA Fatality/Catastrophe Investigations"; U.S. Department of Labor, Office of Statistical Studies and Analysis, 200 Constitution Avenue, NW., Washington, DC 20210.
- O. "A Bibliography of Coefficient of Friction Literature Relating to Slip Type Accidents"; Department of Industrial and Operations Engineering, College of Engineering, University of Michigan, Ann Arbor, Michigan 48104.
- P. "Falls from Elevations Resulting in Injuries"; U.S. Department of Labor, Bureau of Labor Statistics, National Technical Information Service, Springfield, Virginia 22151.

II. Ladder References

- A. Chaffin, Don B. and Terrence J. Stobbe. "Ergonomic Considerations Related to Selected Fall Prevention Aspects of Scaffolds and Ladders as Presented in OSHA Standard 29 CFR Part 1910 Subpart D"; The University of Michigan, Ann Arbor, Michigan 48104.
- B. "Occupational Fatalities Related to Ladders as Found in Reports of OSHA Fatality/Catastrophe Investigations"; U.S. Department of Labor, Office of Statistical Studies and Analysis, 200 Constitution Avenue, N.W., Washington, DC 20210.
- C. "Survey of Ladder Accidents Resulting in Injuries"; U.S. Department of Labor, Bureau of Labor Statistics, National

Technical Information Service, Springfield, Virginia 22151.

D. "Five Rules for Ladder Safety"; National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611.

E. "A Consumer's Guide to Safe Ladder Selection Care and Use"; U.S. Consumer Product Safety Commission, Washington, DC 20207.

F. "Portable Ladders"; Data Sheet 1-665-Rev. 82; National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611.

G. "Safety Instructions for the Person Who Climbs to Work, the Care and Use of Fiberglass Ladders"; R. D. Werner Co., Inc., PO Box 580, Greenville, Pennsylvania 16125.

III. Stair References

A. Archea, John *et al.* "Guidelines for Stair Safety"; NBS Building of Science Series 120, National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

B. Carson, D. H. *et al.* "Safety on Stairs"; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

C. Nelson, Gary S. "Engineering-Human Factors Interface in Stairway Treadriser Design"; Texas A & M University of Texas Agricultural Extension Service, College Station, Texas 77843.

IV. Scaffold References

A. "Occupational Fatalities Related to Ladders as Found in Reports of OSHA Fatality/Catastrophe Investigations"; U.S. Department of Labor, Office of Statistical Studies and Analysis, 200 Constitution Avenue, NW., Washington, DC 20210.

B. "Analysis of Scaffolding Accident Records and Related Employee Casualties", NBSIR 79-1955; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151. (NTIS *PB 80-161466).

C. "Scaffold Accidents Resulting in Injuries"; U.S. Department of Labor, Bureau of Labor Statistics, Washington, DC 20210.

D. "Ergonomics Considerations Related to Selected Fall Prevention Aspects of Scaffolds and Ladders as Presented in OSHA Standard 29 CFR Part 1910 Subpart D"; The University of Michigan, Ann Arbor, Michigan 48104.

E. "Selected Occupational Fatalities Related to Powered, Two-Point Suspension Scaffolds/Powered Platforms as Found in