

The background features a dark blue field filled with various shades of blue interlocking gears. On the left side, there is a vertical strip containing a more detailed and colorful gear mechanism, with gears in shades of orange, yellow, and brown.

Introduction to OSHA Standards

Origin of OSHA Standards

- ✦ Initially taken from
 - ✦ Consensus standards
 - ✦ Proprietary standards
 - ✦ Existing federal laws

Consensus Standards

- ✦ Developed by industry-wide standard developing organizations.
 - ✦ ANSI – American National Standards Institute
 - ✦ ANSI Z-87.1-1989 – construction of eye protection – safety glasses
 - ✦ NFPA – National Fire Protection Association
 - ✦ NFPA # 30-1969 –Flammable and Combustible Liquids.

Proprietary Standards

- ✦ Prepared by professional experts within specific industries.
 - ✦ CGA – Compressed Gas Association
 - ✦ CGA Pamphlet P-1 Safe Handling of Compressed Gas Cylinders



Pre-existing Federal Laws

- ✦ Federal Supply Contracts Act (Walsh Healy Act)
- ✦ Federal Service Contracts Act (McNamara-O'Hare)

Horizontal v Vertical Standard

- ✦ Horizontal standards are “general” and apply to all employers regardless of industry.
 - ✦ Hazard Communication
- ✦ Vertical standards apply to a particular industry.
 - ✦ Construction or longshoring

Code of Federal Regulations

- ★ 40 CFR – EPA (Parts 1-1799)
- ★ 49 CFR – DOT (Parts 1-1699)
- ★ 29 CFR – OSHA (1900-1999)
- ★ There are 50 titles

29 CFR

- ★ 1904 Recordkeeping
- ★ 1910 General Industry
- ★ 1915 Shipyards
- ★ 1917 Marine terminals
- ★ 1918 Longshoring
- ★ 1926 Construction
- ★ 1928 Agriculture
- ★ 1960 Federal Employees

29 CFR 1910

- ☀ Subparts A - Z

- ☀ Subpart D – Walking-Working Surfaces

- ☀ Sections (for example - D)

- ☀ 1910.21 Definitions

- ☀ 1910.22 General requirements

- ☀ 1910.23 Guarding floor and wall openings

- ☀ 1910.24 Fixed industrial stairs

- ☀ 1910.25 Portable wood ladders

- ☀ 1910.26 Portable metal ladders

What subpart covers

☀ Means of Egress?

- ☀ Subpart E (1910.35 - 1910-38)

☀ Fire Protection?

- ☀ Subpart L (1910.155 – 1910-165)

What sections cover

- ☀ Occupational noise exposure?

1910.95

- ☀ Respiratory Protection?

1910.134

Paragraphs

- ☀ Lower case alphabetical

- ☀ (a)

- ☀ (b)

- ☀ (c)

- ☀ etc.

Subparagraphs

- ☀ Arabic Number

- ☀ (a)(1)

- ☀ (a)(2)

- ☀ (a)(3)

- ☀ (b)(1)

- ☀ (b)(2)

- ☀ etc.

Sub - Subparagraph

- ★ Lower case roman

- ★ (a)(1)(i)

- ★ (a)(1)(ii)

- ★ (a)(1)(iii)

It just keeps going!!!

- ✱ Lower case alphabetical
 - ✱ Arabic number
 - ✱ Lower case roman
 - ✱ BUT THE SECOND SET IS ITALICIZED.
-
- ✱ 1910.110(b)(13)(ii)(*b*)(7)(*iii*)
 - ✱ *LP Gas in buildings*
 - ✱ *Closing the valve nearest the appliance ..and allowing fuel to be consumed*

Paragraph Numbering

★ Title CFR Part Section Paragraph
29 CFR 1910. 23 (a)(3)(ii)

Lower case alphabetical

^ ^ ^
^ ^

Arabic Number

^ ^
^

Lower case Roman numeral

^

Look it up!

☀ 29 CFR 1910.26 (a)(1)(v)

Rungs and steps shall be corrugated, knurled, dimpled, coated with skid-resistant material, or otherwise treated to minimize the possibility of slipping.

1910.95(c)(1)

- ✦ The employer shall administer a continuing, effective hearing conservation program whenever employee noise exposures equal or exceed 85dBA.