

OAR 437, DIVISION 3 CONSTRUCTION

ED. NOTE: Subdivision A, General, and Subdivision B, General Interpretations, are administrative in nature and were included in the initial printing of OAR 437, Division 3, Construction. Oregon-initiated Rule 437-003-0001 is also administrative in nature and was not included in the initial printing of Division 3, Construction. These rules (Subdivision A & B and OAR 437-003-0001) **are now included in this printing** of Division 3, Construction.

Oregon-initiated Rules are rules which are applicable in Oregon in addition to or in lieu of specific rules in 29 CFR 1926. Wherever Oregon-initiated Rules are applicable, they are printed in italics within Division 3, Construction.

For the purpose of OAR 437, Oregon Occupational Safety and Health Code, the terms "division" and "part" are synonymous, and the terms "subdivision" and "subpart" are synonymous.

HISTORICAL NOTES: OAR 437, Division 3, Construction (29 CFR 1926, Construction, federal standard adopted by reference; and related Oregon-initiated Rules), was first adopted **temporarily** by APD Admin. Order 5-1989 (temp), filed 3/31/89, effective 5/1/89. These temporary rules superseded and replaced OAR 437, Division 83, Construction, and Division 84, Electrical Transmission and Distribution Facilities.

OAR 437, Division 3, Construction, was permanently adopted by APD Admin. Order 8-1989 (perm), filed 7/7/89, **EFFECTIVE 7/7/89**. Division 83, Construction, and Division 84, Electrical Transmission and Distribution Facilities, were **permanently** superseded and replaced by Division 3, Construction. During the interim between the temporary and permanent rules, some revisions and editorial changes were made.

Amended by APD Admin. Order 14-1989 (temp), filed 7/20/89, effective 8/1/89.

Amended by APD Admin. Order 15-1989 (perm), filed 9/13/89, effective 9/13/89.

Amended by APD Admin. Order 16-1989 (temp), filed 9/13/89, effective 9/13/89.

NOTE: On October 1, 1989, the Accident Prevention Division of the Oregon Department of Insurance and Finance was renamed the **Oregon Occupational Safety and Health Division (OR-OSHA)**.

Amended by OR-OSHA Admin. Order 2-1989, filed 10/17/89, effective 10/17/89.

Amended by OR-OSHA Admin. Order 3-1990 (temp), filed 1/19/90, effective 1/19/90.

Amended by OR-OSHA Admin. Order 7-1990 (perm), filed 3/2/90, effective 3/2/90.

Amended by OR-OSHA Admin. Order 8-1990, filed 3/30/90, effective 9/1/90.

Amended by OR-OSHA Admin. Order 13-1990 (temp), filed 6/28/90, effective 8/1/90.

Amended by OR-OSHA Admin. Order 19-1990 (perm), filed 8/31/90, effective 8/31/90.

Amended by OR-OSHA Admin. Order 27-1990, filed 12/12/90, effective 2/1/91.

Amended by OR-OSHA Admin. Order 6-1991, filed 3/18/91, effective 4/15/91.

Amended by OR-OSHA Admin. Order 7-1991, filed 4/25/91, effective 4/25/91.

Amended by OR-OSHA Admin. Order 15-1991, filed 12/13/91, effective 12/13/91.

Amended by OR-OSHA Admin. Order 16-1991, filed 12/16/91, effective 1/1/92.

Amended by OR-OSHA Admin. Order 6-1992, filed 5/18/92, effective 5/18/92.

Amended by OR-OSHA Admin. Order 11-1992, filed 10/9/92, effective 10/9/92.

Amended by OR-OSHA Admin. Order 1-1993, filed 1/22/93, effective 1/22/93.

Amended by OR-OSHA Admin. Order 16-1993, filed 11/1/93, effective 11/1/93.

Amended by OR-OSHA Admin. Order 1-1994, filed 4/27/94, effective 4/27/94.

Amended by OR-OSHA Admin. Order 4-1994, filed 8/4/94, effective 8/4/94.

Amended by OR-OSHA Admin. Order 6-1994, filed 9/30/94, effective 9/30/94.

Amended by OR-OSHA Admin. Order 1-1995, filed 1/19/95, effective 1/19/95 (DOT markings, placards and labels).

Amended by OR-OSHA Admin. Order 3-1995, filed 2/22/95, effective 2/22/95 (HazWaste).

Amended by OR-OSHA Admin. Order 4-1995, filed 3/29/95, effective 3/29/95 (Asbestos).

Amended by OR-OSHA Admin. Order 5-1995, filed 4/6/95, effective 4/6/95 (HazCom).

Amended by OR-OSHA Admin. Order 6-1995, filed 4/18/95, effective 6/1/95 (Fall Protection).

Amended by OR-OSHA Admin. Order 8-1995, filed 8/25/95, effective 8/25/95 (Asbestos).

Amended by OR-OSHA Admin. Order 5-1996, filed 11/29/96, effective 11/29/96 (Asbestos).

Amended by OR-OSHA Admin. Order 6-1996, filed 11/29/96, effective 11/29/96 (Asbestos).

Amended by OR-OSHA Admin. Order 2-1997, filed 3/12/97, effective 3/12/97 (Scaffolds).

Amended by OR-OSHA Admin. Order 4-1997, filed 4/2/97, effective 4/2/97 (Various).

Amended by OR-OSHA Admin. Order 6-1997, filed 5/2/97, effective 5/2/97 (Air Contaminants, 1,3-Butadiene, Methylene Chloride).

Amended by OR-OSHA Admin. Order 7-1997, filed 9/15/97, effective 9/15/97 (Fall Protection).

Amended by OR-OSHA Admin. Order 8-1997, filed 11/14/97, effective 11/14/97 (Methylene Chloride).

Amended by OR-OSHA Admin. Order 1-1998, filed 2/13/98, effective 2/13/98 (Methylene Chloride).

Amended by OR-OSHA Admin. Order 3-1998, filed 7/7/98, effective 7/7/98 (Respiratory Protection).

Amended by OR-OSHA Admin. Order 6-1998, filed 10/15/98, effective 10/15/98 (Slings, 3/H).

Amended by OR-OSHA Admin. Order 7-1998, filed 12/28/98, effective 12/28/98 (Asbestos).

Amended by OR-OSHA Admin. Order 1-1999, filed 3/22/99, effective 3/22/99 (Methylene Chloride).

Amended by OR-OSHA Admin. Order 4-1999, filed 4/30/99, effective 4/30/99.

Amended by OR-OSHA Admin. Order 6-1999, filed 5/26/99, effective 5/26/99.

Amended by OR-OSHA Admin. Order 3-2000, filed 2/8/00, effective 2/8/00.

Amended by OR-OSHA Admin. Order 10-2000, filed 11/7/00, effective 4/1/01 (High Visibility Garments).

Amended by OR-OSHA Admin. Order 3-2001, filed 2/5/01, effective 2/5/01 (Fall Protection/Oregon exceptions).

Amended by OR-OSHA Admin. Order 4-2001, filed 2/5/01, effective 2/5/01 (Air Contaminants).

Amended by OR-OSHA Admin. Order 5-2001, filed 4/6/01, effective 4/6/01 (Brush Chippers, 3/V).

Amended by OR-OSHA Admin. Order 3-2002, filed 4/15/02, effective 4/18/02 (Steel Erection, 3/R).

Amended by OR-OSHA Admin. Order 5-2002, filed 6/28/02, effective 10/1/03 (GFCI, 3/K).

Amended by OR-OSHA Admin. Order 6-2002, filed 7/19/02, effective 7/19/02 (Fall Protection, 3/M; Steel Erection, 3/R).

Amended by OR-OSHA Admin. Order 1-2003, filed 1/30/03, effective 4/30/03 (Masonry Wall Bracing, 3/Q).

Amended by OR-OSHA Admin. Order 2-2003, filed 1/30/03, effective 1/30/03 (Signs, Signals and Barricades, 3/G).

Amended by OR-OSHA Admin. Order 7-2003, filed 12/5/03, effective 12/5/03 (Material Handling Equipment, 3/O).

Amended by OR-OSHA Admin. Order 8-2003, filed 12/30/03, effective 1/1/04 (Steel Erection, 3/R).

Amended by OR-OSHA Admin. Order 1-2005, filed 4/12/05, effective 4/12/05 (Methylenedianiline [MDA], Lead,3/D; Asbestos, Cadmium 3/Z).

Amended by OR-OSHA Admin. Order 2-2006, filed 4/28/06, effective 4/28/06 (Structural Steel Assembly, 3/R).

Amended by OR-OSHA Admin. Order 4-2006, filed 7/24/06, effective 7/24/06.

Amended by OR-OSHA Admin. Order 5-2006, filed 8/7/06, effective 1/1/07 (ROPS, 3/W).

Amended by OR-OSHA Admin. Order 6-2006, filed 8/30/06, effective 8/30/06 (Chromium (VI)).

Amended by OR-OSHA Admin. Order 10-2006, filed 11/30/06, effective 11/30/06 (Respiratory Protection APFs).

Amended by OR-OSHA Admin. Order 2-2007, filed 6/8/07, effective 6/15/07 (3/K).

Amended by OR-OSHA Admin. Order 6-2007, filed 9/26/07, effective 9/26/07 (3/O Vehicles).

OAR 437, DIVISION 3

CONSTRUCTION

437-003-0001 Adoption by Reference. In addition to, and not in lieu of, any other safety and health codes contained in OAR Chapter 437, the Department adopts by reference the following federal rules as printed in the Code of Federal Regulations, 29 CFR 1926, revised as of 7/1/99, and any subsequent amendments published in the Federal Register as listed below:

(1) Subdivision A – GENERAL

- (a)** 29 CFR 1926.1 **Purpose and Scope**, published 2/9/79, Federal Register (FR), vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b)** 29 CFR 1926.2 **Variations from safety and health standards**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c)** 29 CFR 1926.3 **Inspections – right of entry**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d)** 29 CFR 1926.4 **Rules of practice for administrative adjudications for enforcement of safety and health standards**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(2) Subdivision B – GENERAL INTERPRETATIONS

- (a)** 29 CFR 1926.10 **Scope of subpart**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b)** 29 CFR 1926.11 **Coverage under section 103 of the act distinguished**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c)** 29 CFR 1926.12 **Reorganization plan No. 14 of 1950**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d)** 29 CFR 1926.13 **Interpretation of statutory terms**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e)** 29 CFR 1926.14 **Federal contracts for 'mixed' types of performance**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f)** 29 CFR 1926.15 **Relationship to the service contract act; Walsh-Healey Public Contracts Act**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (g)** 29 CFR 1926.16 **Rules of construction**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(3) Subdivision C – GENERAL SAFETY AND HEALTH PROVISIONS

- (a)** 29 CFR 1926.20 **General safety and health provisions**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b)** 29 CFR 1926.21 **Safety training and education**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c)** 29 CFR 1926.22 **Recording and reporting of injuries** (Reserved)
- (d)** 29 CFR 1926.23 **First aid and medical attention**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e)** 29 CFR 1926.24 **Fire protection and prevention**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f)** 29 CFR 1926.25 **Housekeeping**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

- (g) 29 CFR 1926.26 **Illumination**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (h) 29 CFR 1926.27 **Sanitation**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (i) 29 CFR 1926.28 **Personal protective equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (j) 29 CFR 1926.29 **Acceptable certifications**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (k) 29 CFR 1926.30 **Shipbuilding and ship repairing**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 3/7/96, FR vol. 61, no. 46, p. 9249.
- (l) 29 CFR 1926.31 **Incorporation by reference**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 3/7/96, FR vol. 61, no. 46, p. 9249; 6/18/98, FR vol. 63, no. 117, p. 33468.
- (m) 29 CFR 1926.32 **Definitions**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35078.
- (n) 29 CFR 1926.33 **Access to employee exposure and medical records**, published 6/20/96, FR vol. 61, no. 46, p. 31427.
- (o) 29 CFR 1926.34 **Means of egress**, published 6/30/93, Federal Register, vol. 58, no. 124, p. 35083.

(4) Subdivision D – OCCUPATIONAL HEALTH AND ENVIRONMENTAL CONTROLS

- (a) 29 CFR 1926.50 **Medical services and first aid**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/18/98, FR vol. 63, no. 117, p. 33469.
- (b) 29 CFR 1926.51 **Sanitation**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35084.
- (c) 29 CFR 1926.52 **Occupational noise exposure**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.53 **Ionizing radiation**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.54 **Nonionizing radiation**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) 29 CFR 1926.55 **Gases, vapors, fumes, dusts, and mists**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 10/17/86, FR vol. 51, p. 37007; 12/4/87, FR vol. 52, p. 46312; 11/4/96, FR vol. 61, no. 214, p. 56856; 1/10/97, FR vol. 62, no. 7, p. 1619.
- (g) 29 CFR 1926.56 **Illumination**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (h) 29 CFR 1926.57 **Ventilation**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35099; 3/7/96, FR vol. 61, no. 46, p. 9250; 1/8/98, FR vol. 63, no. 5, p. 1295.
- (i) 29 CFR 1926.58 **Reserved**, §1926.58, Asbestos, tremolite, anthophyllite and actinolite is redesignated as §1926.1101, Asbestos, and §1926.58 is reserved (8/10/94, FR vol. 59, no. 153, pp. 41131-62).
- (j) 29 CFR 1926.59 **Hazard Communication**, published 8/24/87, FR vol. 52, p. 31852; amended 12/4/87, FR vol. 52, 46075; 4/27/88, FR vol. 53, no. 81, pp. 15033-15035; stay lifted on 2/17/89, FR vol. 54, p. 6886; 2/9/94, FR vol. 59, no. 27, pp. 6126-6184; 4/13/94, FR vol. 59, no. 71, pp. 17478-17479; 12/22/94, FR vol. 59, no. 245, p. 65947; 6/20/96, FR vol. 61, p. 31427.
- (k) 29 CFR 1926.60 **Methylenedianiline (MDA)**, published 8/10/92, FR vol. 57, no. 154, pp. 35681-35695; 6/20/96, FR vol. 61, p. 31427; 1/8/98, FR vol. 63, no. 5, p. 1296; 12/6/04, FR vol. 69, p. 70373; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669; 8/24/06, FR vol. 71, no. 164, p. 50122.

- (l) 29 CFR 1926.61 **Retention of DOT markings, placards and labels**, published 7/19/94, FR vol. 59, no. 137, pp. 36700; 6/20/96, FR vol. 61, p. 31427.
- (m) 29 CFR 1926.62 **Lead**, published 5/4/93, FR vol. 58, no. 84, pp. 26626-26649; 1/8/98, FR vol. 63, no. 5, p. 1296; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669.

NOTE: Cadmium has been redesignated as §1926.1127.

- (n) 29 CFR 1926.65 **Hazardous Waste Operations and Emergency Response**

NOTE: Division 2/H, 1910.120, Hazardous Waste Operations and Emergency Response, applies to Construction.

(5) Subdivision E – PERSONAL PROTECTIVE AND LIFE SAVING EQUIPMENT

- (a) 29 CFR 1926.95 **Criteria for personal protective equipment**, published 6/30/93, Federal Register, vol. 58, p. 35152.
- (b) 29 CFR 1926.100 **Head protection**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.101 **Hearing protection**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.102 **Eye and face protection**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35160.
- (e) 29 CFR 1926.103 **Respiratory protection**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 1/8/98, FR vol. 63, no. 5, p. 1297.
- NOTE:** 29 CFR 1926.104 **Removed**, 8/9/94, FR vol. 59, no. 152, p. 40729.
- (f) 29 CFR 1926.105 **Reserved**, 8/9/94, FR vol. 59, no. 152, p. 40729.
- (g) 29 CFR 1926.106 **Working over or near water**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (h) 29 CFR 1926.107 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 8/9/94, FR vol. 59, no. 152, p. 40729.

(6) Subdivision F – FIRE PROTECTION AND PREVENTION

- (a) 29 CFR 1926.150 **Fire protection**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b) 29 CFR 1926.151 **Fire prevention**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, p. 25318.
- (c) 29 CFR 1926.152 **Flammable and combustible liquids**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/18/98, FR vol. 63, no. 117, p. 33469; 6/30/93, FR vol. 58, no. 124, p. 35162.
- (d) 29 CFR 1926.153 **Liquefied petroleum gas (LP-Gas)**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35170.
- (e) 29 CFR 1926.154 **Temporary heating devices**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) 29 CFR 1926.155 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(7) Subdivision G – SIGNS, SIGNALS, AND BARRICADES

- (a) 29 CFR 1926.200 **Accident prevention signs and tags**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35173; amended with OR-OSHA Admin. Order 2-2003, f. 1/30/03, ef. 1/30/03.
- (b) 29 CFR 1926.201 **Signaling**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; REPEALED with OR-OSHA Admin. Order 2-2003, f. 1/30/03, ef. 1/30/03.

- (c) 29 CFR 1926.202 **Barricades**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; REPEALED with OR-OSHA Admin. Order 2-2003, f. 1/30/03, ef. 1/30/03.
- (d) 29 CFR 1926.203 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; amended with OR-OSHA Admin. Order 2-2003, f. 1/30/03, ef. 1/30/03.

(8) Subdivision H – MATERIALS HANDLING, STORAGE, USE AND DISPOSAL

- (a) 29 CFR 1926.250 **General requirements for storage**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 8/9/94, FR vol. 59, no. 152, p. 40729; 6/30/93, FR vol. 58, no. 124, p. 35173.
- (b) 29 CFR 1926.251 **Rigging equipment for material handling**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35173.
- (c) 29 CFR 1926.252 **Disposal of waste materials**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(9) Subdivision I – TOOLS – HAND AND POWER

- (a) 29 CFR 1926.300 **General requirements**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35076; 3/7/96, FR vol. 61, no. 46, p. 9250.
- (b) 29 CFR 1926.301 **Hand tools**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.302 **Power operated hand tools**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35175.
- (d) 29 CFR 1926.303 **Abrasive wheels and tools**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35175.
- (e) 29 CFR 1926.304 **Woodworking tools**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 3/7/96, FR vol. 61, no. 46, p. 9251.
- (f) 29 CFR 1926.305 **Jacks - lever and ratchet, screw, and hydraulic**, published Federal Register vol. 58, no. 124, p. 35176.

(10) Subdivision J – WELDING AND CUTTING

- (a) 29 CFR 1926.350 **Gas welding and cutting**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35179.
- (b) 29 CFR 1926.351 **Arc welding and cutting**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, p. 25318.
- (c) 29 CFR 1926.352 **Fire prevention**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.353 **Ventilation and protection in welding, cutting, and heating**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35179.
- (e) 29 CFR 1926.354 **Welding, cutting, and heating in way of preservative coatings**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(11) Subdivision K – ELECTRICAL

- (a) 29 CFR 1926.400 **Introduction**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (b) 29 CFR 1926.401 **(Reserved)**

- (c) 29 CFR 1926.402 **Applicability**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (d) 29 CFR 1926.403 **General requirements**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (e) 29 CFR 1926.404 **Wiring design and protection**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335; amended with AO 5-2002, repeal (b)(1), f. 6/28/02, ef. 10/1/03.
- (f) 29 CFR 1926.405 **Wiring methods, components, and equipment for general use**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (g) 29 CFR 1926.406 **Specific purpose equipment and installations**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (h) 29 CFR 1926.407 **Hazardous (classified) locations**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (i) 29 CFR 1926.408 **Special systems**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (j) 29 CFR 1926.409 **(Reserved)**
- (k) 29 CFR 1926.415 **(Reserved)**
- (l) 29 CFR 1926.416 **General requirements**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335; 6/30/93, FR vol. 58, no. 124, p. 35179; 3/7/96, FR vol. 61, no. 46, p. 9251; 8/12/96, FR vol. 61, no. 156, p. 41738.
- (m) 29 CFR 1926.417 **Lockout and tagging of circuits**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335; 6/30/93, FR vol. 58, no. 124, p. 35181; 3/7/96, FR vol. 61, no. 46, p. 9251; 8/12/96, FR vol. 61, no. 156, p. 41739.
- (n) 29 CFR 1926.418 **(Reserved)**
- (o) 29 CFR 1926.430 **(Reserved)**
- (p) 29 CFR 1926.431 **Maintenance of equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (q) 29 CFR 1926.432 **Environmental deterioration of equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (r) 29 CFR 1926.433 -
29 CFR 1926.440 **(Reserved)**
- (s) 29 CFR 1926.441 **Battery locations and battery charging**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.
- (t) 29 CFR 1926.442 -
29 CFR 1926.448 **(Reserved)**
- (u) 29 CFR 1926.449 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, no. 133, pp. 25294-25335.

(12) Subdivision L – SCAFFOLDING

- (a) 29 CFR 1926.450 **Scope, application and definitions applicable to this subpart**, published 8/30/96, FR vol. 61, no. 170, p. 46104.
- (b) 29 CFR 1926.451 **General requirements**, published 8/30/96, FR vol. 61, no. 170, p. 46107; 11/25/96, FR vol. 61, no. 228, p. 59831.
- (c) 29 CFR 1926.452 **Additional requirements applicable to specific types of scaffolds**, published 8/30/96, FR vol. 61, no. 170, p. 46113.
- (d) 29 CFR 1926.453 **Aerial lifts**, published 8/30/96, FR vol. 61, no. 170, p. 46116; 11/25/96, FR vol. 61, no. 228, p. 59832.

- (e) 29 CFR 1926.454 **Training**, published 8/30/96, FR vol. 61, no. 170, p. 46117.
- (f) Appendix A to Subpart L **Scaffold Specifications**, published 8/30/96, FR vol. 61, no. 170, p. 46117.
- (g) Appendix B to Subpart L **Criteria for determining the feasibility of providing safe access and fall protection for scaffold erectors and dismantlers (Reserved)**, published 8/30/96, FR vol. 61, no. 170, p. 46122.
- (h) Appendix C to Subpart L **List of National Consensus Standards**, published 8/30/96, FR vol. 61, no. 170, p. 46122.
- (i) Appendix D to Subpart L **List of training topics for scaffold erectors and dismantlers**, published 8/30/96, FR vol. 61, no. 170, p. 46122.
- (j) Appendix E to Subpart L **Drawing and illustrations**, published 8/30/96, FR vol. 61, no. 170, p. 46122; 11/25/96, FR vol. 61, no. 228, p. 59832.

(13) Subdivision M – FALL PROTECTION

- (a) 29 CFR 1926.500 **Scope, application, and definitions applicable to this subpart**. Amended 8/9/94, FR vol. 59, no. 152, p. 40730-40731; 1/18/01, FR vol. 66, no. 12, p. 5265; 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 6-2002, f. and ef. 7/19/02.
- (b) 29 CFR 1926.501 **Duty to have fall protection**. Amended 8/9/94, FR vol. 59, no. 152, p. 40732-40733; amended 2/5/01 (Oregon Exceptions); amended with AO 6-2002, f. and ef. 7/19/02.
- (c) 29 CFR 1926.502 **Fall protection systems criteria and practices**. Amended 8/9/94, FR vol. 59, no. 152, p. 40733-40738; amended with AO 6-2002, f. and ef. 7/19/02.
- (d) 29 CFR 1926.503 **Training requirements**. Amended 8/9/94, FR vol. 59, no. 152, p. 40738; REPEALED with AO 6-2002, f. and ef. 7/19/02, replaced with OI.
- (e) Appendix A to Subpart M **Determining Roof Widths**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; amended 8/9/94, FR vol. 59, no. 152, p. 40738-40742.
- (f) Appendix B to Subpart M **Guardrail Systems**, published 8/9/94, FR vol. 59, no. 152, p. 40743.
- (g) Appendix C to Subpart M **Personal Fall Arrest Systems**, published 8/9/94, FR vol. 59, no. 152, p. 40743-40746.
- (h) Appendix D to Subpart M **Positioning Device Systems**, published 8/9/94, FR vol. 59, no. 152, p. 40746.

(14) Subdivision N – CRANES, DERRICKS, HOISTS, ELEVATORS, AND CONVEYORS

- (a) 29 CFR 1926.550 **Cranes and derricks**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 4/6/82, FR vol. 47, p. 14706; 8/2/88, FR vol. 53, p. 29139; 4/18/89, FR vol. 54, no. 73, p. 15405; 8/9/94, FR vol. 59, no. 152, p. 40730; 6/30/93, FR vol. 58, no. 124, p. 35183.
- (b) 29 CFR 1926.551 **Helicopters**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.552 **Material hoists, personnel hoists, and elevators**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.553 **Base-mounted drum hoist**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.554 **Overhead hoists**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) 29 CFR 1926.555 **Conveyors**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(15) Subdivision O – MOTOR VEHICLES, MECHANIZED EQUIPMENT, AND MARINE OPERATIONS

- (a) 29 CFR 1926.600 **Equipment**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35183.
- (b) 29 CFR 1926.601 **Motor vehicles**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; REPEALED with OR-OSHA Admin. Order 6-2007, f. 9/26/07, ef. 9/26/07.
- (c) 29 CFR 1926.602 **Material handling equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35183; 12/1/98, FR vol. 63, no. 230, p. 66274; amended by AO 7-2003, f. 12/5/03, ef. 12/5/03.
- (d) 29 CFR 1926.603 **Pile driving equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.604 **Site clearing**, published 6/24/74, FR vol. 39, p. 22801; amended 7/22/77, FR vol. 42, p. 37674.
- (f) 29 CFR 1926.605 **Marine operations and equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (g) 29 CFR 1926.606 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(16) Subdivision P – EXCAVATIONS

- (a) 29 CFR 1926.650 **Scope, application, and definitions applicable to this subdivision**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 10/31/89, FR vol. 54, no. 209, pp. 45959-45961.
- (b) 29 CFR 1926.651 **General requirements**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 10/31/89, FR vol. 54, no. 209, pp. 45960-45961; 8/9/94, FR vol. 59, no. 152, p. 40730.
- (c) 29 CFR 1926.652 **Requirements for protective systems**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 10/31/89, FR vol. 54, no. 209, pp. 45961-45962.
- (d) **Appendices A-F to Subdivision P, Excavations**, published 10/31/89, FR vol. 54, no. 209, pp. 45962-45991.

(17) Subdivision Q – CONCRETE AND MASONRY CONSTRUCTION

- (a) 29 CFR 1926.700 **Scope, application and definitions applicable to this subpart**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/16/88, FR vol. 53, p. 22612; 10/18/90, FR vol. 55, no. 202, p. 42326.
- (b) 29 CFR 1926.701 **General requirements**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/16/88, FR vol. 53, p. 22612; 8/9/94, FR vol. 59, no. 152, p. 40730.
- (c) 29 CFR 1926.702 **Requirements for equipment and tools**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/16/88, FR vol. 53, p. 22612.
- (d) 29 CFR 1926.703 **Requirements for cast-in-place concrete**, published 6/16/88, FR vol. 53, p. 22612.
- (e) 29 CFR 1926.704 **Requirements for precast concrete**, published 6/16/88, FR vol. 53, p. 22612; amended 10/5/89, FR vol. 54, no. 192, p. 41088.
- (f) 29 CFR 1926.705 **Requirements for lift-slab construction operations**, published 6/16/88, FR vol. 53, p. 22612; amended 10/18/90, FR vol. 55, no. 202, p. 42326.
- (g) Appendix A to 1926.705 **Lift-slab operations**, published 10/18/90, FR vol. 55, no. 202, p. 42326.
- (h) 29 CFR 1926.706 **Requirements for masonry construction**, published 6/16/88, FR vol. 53, p. 22612; amended with OR-OSHA Admin. Order 1-2003, f. 1/30/03, ef. 4/30/03.

(18) Subdivision R – STEEL ERECTION

- (a) 29 CFR 1926.750 **Scope**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (b) 29 CFR 1926.751 **Definitions**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (c) 29 CFR 1926.752 **Site layout, site-specific erection plan and construction sequence**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (d) 29 CFR 1926.753 **Hoisting and rigging**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (e) 29 CFR 1926.754 **Structural steel assembly**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04; amended 1/18/06, FR vol. 71, no. 11, p. 2879; 4/3/06, FR vol. 71, no. 63, p. 16669.
- (f) 29 CFR 1926.755 **Column anchorage**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (g) 29 CFR 1926.756 **Beams and columns**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (h) 29 CFR 1926.757 **Open web steel joists**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (i) 29 CFR 1926.758 **Systems-engineered metal buildings**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (j) 29 CFR 1926.759 **Falling object protection**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (k) 29 CFR 1926.760 **Fall protection**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (l) 29 CFR 1926.761 **Training**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; amended with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (m) Appendix A to Subpart R **Guidelines for establishing the components of a site-specific erection plan: Nonmandatory Guidelines for Complying with §1926.752(e)**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (n) Appendix B to Subpart R **Reserved.**
- (o) Appendix C to Subpart R **Illustrations of bridging terminus points: Nonmandatory Guidelines for Complying with §1926.757(a)(10) and §1926.757(c)(5)**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (p) Appendix D to Subpart R **Illustration of the use of control lines to demarcate controlled decking zones (CDZs): Nonmandatory Guidelines for Complying with §1926.760(c)(3)**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; REPEALED with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (q) Appendix E to Subpart R **Training: Nonmandatory Guidelines for Complying with §1926.761**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.
- (r) Appendix F to Subpart R **Perimeter columns: Nonmandatory Guidelines for Complying with §1926.756(e) to Protect the Unprotected Side or Edge of a Walking/Working Surface**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.

- (s) Appendix G to Subpart R **Fall protection systems criteria and practices from §1926.502: Non-mandatory Guidelines for Complying with §1926.760(d)**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137; REPEALED with AO 6-2002, f. and ef. 7/19/02; amended with AO 8-2003, f. 12/30/03, ef. 1/1/04.
- (t) Appendix H to Subpart R **Double connections: Illustration of a clipped end connection and a staggered connection: Non-Mandatory Guidelines for Complying with §1926.756(c)(1)**, published 1/18/01, Federal Register, vol. 66, no. 12, p. 5265; amended 7/17/01, FR vol. 66, no. 137, p. 37137.

(19) Subdivision S – UNDERGROUND CONSTRUCTION, CAISSONS, COFFERDAMS, AND COMPRESSED AIR

- (a) 29 CFR 1926.800 **Tunnels and shafts**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940. Underground Construction, published 6/2/89, FR vol. 54, no. 105, p. 23824; 1/8/98, FR vol. 63, no. 5, p. 1297; 4/3/06, FR vol. 71, no. 63, p. 16669.
- (b) 29 CFR 1926.801 **Caissons**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.802 **Cofferdams**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.803 **Compressed air**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 7/11/86, FR vol. 51, p. 25318.
- (e) 29 CFR 1926.804 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) Appendix A to Subpart S **Decompression Tables**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(20) Subdivision T – DEMOLITION

- (a) 29 CFR 1926.850 **Preparatory operations**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b) 29 CFR 1926.851 **Stairs, passageways, and ladders**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.852 **Chutes**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.853 **Removal of materials through floor openings**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.854 **Removal of walls, masonry sections, and chimneys**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) 29 CFR 1926.855 **Manual removal of floors**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (g) 29 CFR 1926.856 **Removal of walls, floors, and materials with equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (h) 29 CFR 1926.857 **Storage**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (i) 29 CFR 1926.858 **Removal of steel construction**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (j) 29 CFR 1926.859 **Mechanical demolition**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (k) 29 CFR 1926.860 **Selective demolition by explosives**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(21) Subdivision U – BLASTING AND USE OF EXPLOSIVES

- (a) 29 CFR 1926.900 **General provisions**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b) 29 CFR 1926.901 **Blaster qualifications**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.902 **Surface transportation of explosives**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35311.
- (d) 29 CFR 1926.903 **Underground transportation of explosives**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.904 **Storage of explosives and blasting agents**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35311.
- (f) 29 CFR 1926.905 **Loading of explosives or blasting agents**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35184.
- (g) 29 CFR 1926.906 **Initiation of explosive charges – electric blasting**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/18/98, FR vol. 63, no. 117, p. 33469.
- (h) 29 CFR 1926.907 **Use of safety fuse**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (i) 29 CFR 1926.908 **Use of detonating cord**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (j) 29 CFR 1926.909 **Firing the blast**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (k) 29 CFR 1926.910 **Inspection after blasting**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (l) 29 CFR 1926.911 **Misfires**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (m) 29 CFR 1926.912 **Underwater blasting**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (n) 29 CFR 1926.913 **Blasting in excavation work under compressed air**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (o) 29 CFR 1926.914 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/30/93, FR vol. 58, no. 124, p. 35184, 35311.

(22) Subdivision V – POWER TRANSMISSION AND DISTRIBUTION

- (a) 29 CFR 1926.950 **General requirements**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b) 29 CFR 1926.951 **Tools and protective equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 8/9/94, FR vol. 59, no. 152, p. 40730.
- (c) 29 CFR 1926.952 **Mechanical equipment**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (d) 29 CFR 1926.953 **Material handling**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (e) 29 CFR 1926.954 **Grounding for protection of employees**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (f) 29 CFR 1926.955 **Overhead lines**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (g) 29 CFR 1926.956 **Underground lines**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (h) 29 CFR 1926.957 **Construction in energized substations**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

- (i) 29 CFR 1926.958 **External load helicopters**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (j) 29 CFR 1926.959 **Lineman's body belts, safety straps, and lanyards**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (k) 29 CFR 1926.960 **Definitions applicable to this subpart**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.

(23) Subdivision W – ROLLOVER PROTECTIVE STRUCTURES: OVERHEAD PROTECTION

- (a) 29 CFR 1926.1000 **Rollover protective structures (ROPS) for material handling equipment**, published 2/9/79, Federal Register, vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (b) 29 CFR 1926.1001 **Minimum performance criteria for rollover protective structure for designated scrapers, loaders, dozers, graders, and crawler tractors**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940.
- (c) 29 CFR 1926.1002 **Protective frame (ROPS) test procedures and performance requirements for wheel-type agricultural and industrial tractors used in construction**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 3/7/96, FR vol. 61, no. 46, p. 9251; 12/29/05, FR vol. 70, no. 249, p. 76979; 2/28/06, FR vol. 71, no. 39, p. 9909.
- (d) 29 CFR 1926.1003 **Overhead protection for operators of agricultural and industrial tractors**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 3/7/96, FR vol. 61, no. 46, p. 9251; 12/29/05, FR vol. 70, no. 249, p. 76979; 2/28/06, FR vol. 71, no. 39, p. 9909.

(24) Subdivision X – STAIRWAYS AND LADDERS

- (a) 29 CFR 1926.1050 **Scope, application and definitions applicable to this Subdivision**, published 11/14/90, Federal Register, vol. 55, no. 220, p. 47687; amended 1/23/91, FR vol. 56, no. 15, p. 2585; 6/30/93, FR vol. 58, no. 124, p. 35184.
- (b) 29 CFR 1926.1051 **General requirements**, published 11/14/90, FR vol. 55, no. 220, p. 47688.
- (c) 29 CFR 1926.1052 **Stairways**, published 11/14/90, FR vol. 55, no. 220, p. 47688; amended 1/23/91, FR vol. 56, no. 15, p. 2585; 2/7/91, FR vol. 56, no. 26, p. 5061; 8/23/91, FR vol. 56, no. 164, pp. 41793-41794.
- (d) 29 CFR 1926.1053 **Ladders**, published 11/14/90, FR vol. 55, no. 220, p. 47689; amended 1/23/91, FR vol. 56, no. 15, p. 2585; 8/23/91, FR vol. 56, no. 164, pp. 41793-41794.
- (e) 29 CFR 1926.1054 **(Reserved)**
- (f) 29 CFR 1926.1055 **(Reserved)**
- (g) 29 CFR 1926.1056 **(Reserved)**
- (h) 29 CFR 1926.1057 **(Reserved)**
- (i) 29 CFR 1926.1058 **(Reserved)**
- (j) 29 CFR 1926.1059 **(Reserved)**
- (k) 29 CFR 1926.1060 **Training requirements**, published 11/14/90, FR vol. 55, no. 220, p. 47691.

(25) Subdivision Z – TOXIC AND HAZARDOUS SUBSTANCES

- (a)** 29 CFR 1926.1101 **Asbestos**, published 2/9/79, FR vol. 44, p. 8577; amended 4/6/79, FR vol. 44, p. 20940; 6/20/86, FR vol. 51, p. 22612; 10/17/86, FR vol. 52, p. 17756; 7/20/88, FR vol. 53, no. 138, p. 27346; 9/14/88, FR vol. 53, p. 35627; 9/23/88, FR vol. 53, no. 185, p. 37080; 7/21/89, FR vol. 54, no. 139, p. 30705, 12/20/89, FR vol. 54, no. 243, pp. 52027-52028; 2/5/90, FR vol. 55, no. 24, p. 3792; 12/10/90, FR vol. 55, no. 237, pp. 50685-50687; 9/4/91, FR vol. 56, no. 171, pp. 43699-43700; 3/5/92, FR vol. 57, no. 44, p. 7878; 6/8/92, FR vol. 57, no. 110, pp. 24330-1; 6/30/92, FR vol. 57, no. 126, p. 29119; 8/10/94, FR vol. 59, no. 153, pp. 41131-62; 6/29/95, FR vol. 60, no. 125, pp. 33983-34002; 7/13/95, FR vol. 60, p. 36043; 9/29/95, FR vol. 60, p. 50411; 8/23/96, FR vol. 61, no. 165, p. 43454; 1/8/98, FR vol. 63, no. 5, p. 1298; 4/23/98, FR vol. 63, no. 78, p. 20099; 6/29/98, FR vol. 63, no. 124, p. 35137; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669; 8/24/06, FR vol. 71, no. 164, p. 50122.
- (b)** 29 CFR 1926.1126 **Chromium (VI)**, published 2/28/06, FR vol. 71, no. 39, p. 10100; 6/23/06, FR vol. 71, no. 121, p. 36008.
- (c)** 29 CFR 1926.1127 **Cadmium**, published 9/14/92, FR vol. 57, no. 178, pp. 42453-42463; amended 4/23/93, FR vol. 58, no. 77, p. 21778; 1/3/94, FR vol. 59, no. 1, p. 215; 6/20/96, FR vol. 61, p. 31427; 1/8/98, FR vol. 63, no. 5, p. 1298; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669; 8/24/06, FR vol. 71, no. 164, p. 50122.
- (d)** 29 CFR 1926.1152 **Methylene Chloride**, published 1/10/97, Federal Register, vol. 62, no. 7, p. 1619; 10/20/97, FR vol. 62, p. 54382; 12/18/97, FR vol. 62, no. 243, p. 66275.

These standards are available at the Oregon Occupational Safety and Health Division, Oregon Department of Consumer and Business Services, and the United States Government Printing Office.

Stat. Auth.: ORS 654.025(2) and 656.726(4).

Stats. Implemented: ORS 654.001 through 654.295.

Hist: APD Admin. Order 5-1989, f. 3/31/89, ef. 5/1/89 (temp).
 APD Admin. Order 8-1989, f. 7/7/89, ef. 7/7/89 (perm).
 APD Admin. Order 14-1989, f. 7/20/89, ef. 8/1/89 (temp).
 APD Admin. Order 15-1989, f. 9/13/89, ef. 9/13/89 (perm).
 APD Admin. Order 16-1989 (temp), f. 9/13/89, ef. 9/13/89.
 OR-OSHA Admin. Order 2-1989, f. 10/17/89, ef. 10/17/89.
 OR-OSHA Admin. Order 3-1990, f. 1/19/90, ef. 1/19/90 (temp).
 OR-OSHA Admin. Order 7-1990, f. 3/2/90, ef. 3/2/90 (perm).
 OR-OSHA Admin. Order 8-1990, f. 3/30/90, ef. 3/30/90.
 OR-OSHA Admin. Order 13-1990, f. 6/28/90, ef. 8/1/90 (temp).
 OR-OSHA Admin. Order 19-1990, f. 8/31/90, ef. 8/31/90 (perm).
 OR-OSHA Admin. Order 27-1990, f. 12/12/90, ef. 2/1/91.
 OR-OSHA Admin. Order 6-1991, f. 3/18/91, ef. 4/15/91.
 OR-OSHA Admin. Order 7-1991, f. 4/25/91, ef. 4/25/91.
 OR-OSHA Admin. Order 15-1991, f. 12/13/91, ef. 12/13/91.
 OR-OSHA Admin. Order 16-1991, f. 12/16/91, ef. 1/1/92.
 OR-OSHA Admin. Order 6-1992, f. 5/18/92, ef. 5/18/92.
 OR-OSHA Admin. Order 11-1992, f. 10/9/92, ef. 10/9/92.
 OR-OSHA Admin. Order 1-1993, f. 1/22/93, ef. 1/22/93.
 OR-OSHA Admin. Order 16-1993, f. 11/1/93, ef. 11/1/93 (Lead).
 OR-OSHA Admin. Order 1-1994, f. 4/27/94, ef. 4/27/94.
 OR-OSHA Admin. Order 4-1994, f. 8/4/94, ef. 8/4/94 (HazCom).
 OR-OSHA Admin. Order 6-1994, f. 9/30/94, ef. 9/30/94.
 OR-OSHA Admin. Order 1-1995, f. 1/19/95, ef. 1/19/95 (DOT markings, placards & labels).
 OR-OSHA Admin. Order 3-1995, f. 2/22/95, ef. 2/22/95 (Haz Waste).
 OR-OSHA Admin. Order 4-1995, f. 3/29/95, ef. 3/29/95 (Asbestos).
 OR-OSHA Admin. Order 5-1995, f. 4/6/95, ef. 4/6/95 (HazCom).
 OR-OSHA Admin. Order 6-1995, f. 4/18/95, ef. 6/1/95 (Fall Protection).
 OR-OSHA Admin. Order 8-1995, f. 8/25/95, ef. 8/25/95 (Asbestos).
 OR-OSHA Admin. Order 5-1996, f. 11/29/96, ef. 11/29/96.
 OR-OSHA Admin. Order 6-1996, f. 11/29/96, ef. 11/29/96.
 OR-OSHA Admin. Order 2-1997, f. 3/12/97, ef. 3/12/97.
 OR-OSHA Admin. Order 4-1997, f. 4/2/97, ef. 4/2/97.
 OR-OSHA Admin. Order 6-1997, f. 5/2/97, ef. 5/2/97.
 OR-OSHA Admin. Order 7-1997, f. 9/15/97, e. 9/15/97 (Fall Protection).
 OR-OSHA Admin. Order 8-1997, f. 11/14/97, e. 11/14/97 (Methylene Chloride).
 OR-OSHA Admin. Order 1-1998, f. 2/13/98, e. 2/13/98 (Methylene Chloride).
 OR-OSHA Admin. Order 3-1998, f. 7/7/98, ef. 7/7/98 (Respiratory Protection).

OR-OSHA Admin. Order 6-1998, f. 10/15/98, ef. 10/15/98 (Slings 3/H).
OR-OSHA Admin. Order 7-1998, f. 12/28/98, ef. 12/28/98 (Asbestos).
OR-OSHA Admin. Order 1-1999, f. 3/22/99, e. 3/22/99 (Methylene Chloride).
OR-OSHA Admin. Order 4-1999, f. 4/30/99, ef. 4/30/99.
OR-OSHA Admin. Order 6-1999, f. 5/26/99, ef. 5/26/99.
OR-OSHA Admin. Order 3-2000, f. 2/8/00, ef. 2/8/00.
OR-OSHA Admin. Order 3-2001, f. 2/5/01, ef. 2/5/01 (Fall Protection/Oregon Exceptions).
OR-OSHA Admin. Order 3-2002, f. 4/15/02, ef. 4/18/02 (Steel Erection).
OR-OSHA Admin. Order 5-2002, f. 6/28/02, ef. 10/1/03 (GFCI 3/K).
OR-OSHA Admin. Order 6-2002, f. 7/19/02, ef. 7/19/02 (Fall Protection/Steel Erection).
OR-OSHA Admin. Order 1-2003, f. 1/30/03, ef. 4/30/03 (3/Q Masonry Wall Bracing).
OR-OSHA Admin. Order 2-2003, f. 1/30/03, ef. 1/30/03 (3/G).
OR-OSHA Admin. Order 7-2003, f. 12/5/03, ef. 12/5/03 (3/O).
OR-OSHA Admin. Order 8-2003, f. 12/30/03, ef. 1/1/04 (3/R).
OR-OSHA Admin. Order 1-2005, f. 4/12/05, ef. 4.12/05 (3/D and 3/Z).
OR-OSHA Admin. Order 2-2006, f. 4/28/06, ef. 4/28/06 (3/R).
OR-OSHA Admin. Order 4-2006, filed 7/24/06, effective 7/24/06.
OR-OSHA Admin. Order 5-2006, filed 8/7/06, effective 1/1/07 (ROPS, 3/W).
OR-OSHA Admin. Order 6-2006, filed 8/30/06, effective 8/30/06 (Chromium (VI)).
OR-OSHA Admin. Order 10-2006, filed 11/30/06, effective 11/30/06 (Respiratory Protection APFs).
OR-OSHA Admin. Order 6-2007, filed 9/26/07, effective 9/26/07 (3/O Vehicles).

