

Oregon OSHA – Proposed Changes Federal Amendments to Hexavalent Chromium in General Industry, Construction, and Maritime Activities

April 2010

These are Federal OSHA amendments published in the [March 17, 2010 Federal Register](#). Actual text changes are on pages 5, 16, and 21 of this document.

Text proposed to be removed is in ~~[brackets with line through]~~.

Text proposed to be added is in **bold and underlined**.

DIVISION 2 – GENERAL INDUSTRY

SUBDIVISION Z – TOXIC AND HAZARDOUS SUBSTANCES

437-002-0360

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]~~ **regulations** printed ~~[in]~~ **as part of** the Code of Federal Regulations, 29 CFR 1910, ~~[revised as of 7/1/99, and any subsequent amendments published]~~ in the Federal Register ~~[as listed below]~~:

(1) (Reserved) 29 CFR 1910.1000 Air contaminants~~[-, published 6/27/74, Federal Register, vol. 39, pp. 23540-23543; amended in the following FR publications: 5/28/75, vol. 40, pp. 23072-23073; 5/3/77, vol. 42, p. 22525; 1/17/78, vol. 43, p. 2600; 2/10/78, vol. 43, p. 5963; 3/29/78, vol. 43, p. 13563; 5/4/78, vol. 43, p. 19624; 6/23/78, vol. 43, p. 27394; 6/30/78, vol. 43, p. 28473; 10/3/78, vol. 43, p. 45809; 11/14/78, vol. 43, p. 53007; 12/8/78, vol. 43, pp. 57602-57603; 2/5/79, vol. 44, p. 7141; 6/18/80, vol. 45, pp. 12416-12417; 7/28/80, vol. 45, pp. 50328-50329; 6/19/81, vol. 46, p. 32022; 6/22/84, vol. 49, p. 25796; 1/02/85, vol. 50, p. 64; 12/13/85, vol. 50, p. 51173; 11/17/86, vol. 51, p. 41477; 9/11/87, vol. 52, p. 34562; 12/4/87, vol. 52, p. 46291; 1/19/89, vol. 54, pp. 2920-2983; 7/5/89, vol. 54, no. 127, pp. 28054-28061; 9/5/89, vol. 54, no. 170, pp. 36767-36768; 11/15/89, vol. 54, no. 219, p. 47513; 2/5/90, vol. 55, no. 24, pp. 3724; 5/9/90, vol. 55, no. 90, pp. 19258-19259; 11/8/90, vol. 55, no. 217, pp. 46948-46950; 7/1/92, vol. 57, no. 127, pp. 29204-29206.]~~ NOTE: 29 CFR 1910.1000 was repealed on 11/15/93 by OR-OSHA. In Oregon, OAR 437-002-0382 applies.

(2) 29 CFR 1910.1001 Asbestos, published ~~[6/20/86, Federal Register, vol. 51, no. 119, pp. 22612-22790; amended 10/17/86, FR vol. 51, pp. 37002-37007; amended 5/12/87, FR vol. 52, pp. 17754-17755; amended 9/14/88, FR vol. 53, no. 178, pp. 35610-35627; amended 9/23/88,~~

FR vol. 53, no. 185, p. 37080; amended 7/21/89, FR vol. 54, no. 139, p. 30704-30705; amended 12/20/89, FR vol. 54, no. 243, p. 52028; amended 2/5/90, FR vol. 55, no. 24, pp. 3731-3732; amended 12/10/90, FR vol. 55, no. 237, pp. 50685-50687; amended 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, p. 24330; 8/10/94, FR vol. 59, no. 153, p. 41065; 6/29/95, FR vol. 60, no. 125, pp. 33983-34002; 8/23/96, FR vol. 61, no. 165, pp. 43434-43459; 1/8/98, FR vol. 63, no. 5, p. 1285; 4/23/98, FR vol. 63, no. 78, p. 20099; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(3) 29 CFR 1910.1002 Coal tar pitch volatiles, interpretation of term, published 1/21/83, Federal Register, vol. 43, p. 2768.

(4) 29 CFR 1910.1003 13 Carcinogens, published [~~3/7/96, Federal Register, vol. 61, no. 46, p. 9242;~~ 1/8/98, FR vol. 63, no. 5, p. 1286; 4/23/98, FR vol. 63, no. 78, p. 20099; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(5) 29 CFR 1910.1004 See §1910.1003, 13 Carcinogens.

(6) Reserved for 29 CFR 1910.1005.

(7) 29 CFR 1910.1006 See §1910.1003, 13 Carcinogens.

(8) 29 CFR 1910.1007 See §1910.1003, 13 Carcinogens.

(9) 29 CFR 1910.1008 See §1910.1003, 13 Carcinogens.

(10) 29 CFR 1910.1009 See §1910.1003, 13 Carcinogens.

(11) 29 CFR 1910.1010 See §1910.1003, 13 Carcinogens.

(12) 29 CFR 1910.1011 See §1910.1003, 13 Carcinogens.

(13) 29 CFR 1910.1012 See §1910.1003, 13 Carcinogens.

(14) 29 CFR 1910.1013 See §1910.1003, 13 Carcinogens.

(15) 29 CFR 1910.1014 See §1910.1003, 13 Carcinogens.

(16) 29 CFR 1910.1015 See §1910.1003, 13 Carcinogens.

(17) 29 CFR 1910.1016 See §1910.1003, 13 Carcinogens.

(18) 29 CFR 1910.1017 Vinyl chloride, published [~~10/4/74, Federal Register, vol. 39, p. 35896;~~ amended by the following FR publications: 12/3/74, FR vol. 39, p. 41848; 3/25/75, FR vol. 40, p. 13211; 5/28/75, FR vol. 40, p. 23072; 10/24/78, FR vol. 43, p. 49751; 5/23/80, FR vol. 45, p. 35282; 6/7/89, FR vol. 54, p. 24334; 6/30/93, FR vol. 58, no. 124, p. 35310; 1/8/98, FR vol. 63, no. 5, p. 1286; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(19) 29 CFR 1910.1018 Inorganic arsenic, published [~~5/25/78, Federal Register, vol. 43, p. 19624;~~ amended by the following FR publications: 6/30/78, FR vol. 43, p. 28472; 5/23/80, FR vol. 45, p. 35282; 6/7/89, FR vol. 54, p. 24334; 6/30/93, FR vol. 58, no. 124, p. 35310; 3/7/96, FR vol. 61, no. 46, p. 9245; 1/8/98, FR vol. 63, no. 5, p. 1286; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(20) 29 CFR 1910.1020 Access to Employee Exposure and Medical Records, published [May 23, 1980, Federal Register, vol. 45, no. 102, pp. 35277-35281; amended September 29, 1988, Federal Register, vol. 53, no. 189, pp. 38163-38168; 3/7/96, FR vol. 61, no. 46, p. 9235; 6/20/96, FR vol. 61, p. 34427;] 4/3/06, FR vol. 71, no. 63, p. 16669.

Appendix A - Sample Authorization Letter.

Appendix B - Availability of NIOSH RTECS.

(21) 29 CFR 1910.1025 Lead, published [~~11/14/78, Federal Register, vol. 44, p. 53007;~~ amended by the following FR publications: 1/26/79, vol. 44, p. 5447; 3/13/79, vol. 44, p. 14554; 8/28/79, vol. 44 p. 50338; 10/23/79, vol. 44, p. 60981; 11/30/79, vol. 44, 68828; 5/23/80, vol. 45, p. 35283; 12/11/81, vol. 46, p. 60775; 11/12/82, vol. 47, p. 51117; 3/6/83, vol. 48, p. 9641; 4/30/84, vol. 49, p. 18295; 6/5/84, vol. 49, p. 23175; 6/5/84, vol. 49, p. 23175; and modified by OSHA Instruction CPL 2-2.47 published by the U. S. Department of Labor on 1/5/89. Amended

7/11/89, vol. 54, p. 29142; 1/30/90, vol. 55, no. 20, pp. 3166-3167; 2/13/90, vol. 55, no. 30, pp. 4998-4999; modification of OSHA Instruction CPL 2-2.47, published by Office of Health Compliance Assistance, OSHA, on 7/10/90. Amended 5/31/91, FR vol. 56, no. 105, p. 24686; amended 10/11/95, FR vol. 60, p. 52856; 1/8/98, FR vol. 63, no. 5, p. 1287; 4/23/98, FR vol. 63, no. 78, p. 20099; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(22) 29 CFR 1910.1026 Chromium (VI), published [2/28/06, Federal Register, vol. 71, no. 39, p. 10100; 6/23/06, FR vol. 71, no. 121, p. 36008; 12/12/08, FR vol. 73, no. 240, pp. 75568-75589] **3/17/10, FR vol. 75, no. 51, pp. 12681-12686.**

(23) 29 CFR 1910.1027 Cadmium, published [9/14/92, Federal Register, vol. 57, no. 178, pp. 42388-42453; corrections published 4/23/93, FR vol. 58, no. 77, pp. 21778-21787; 1/8/98, FR vol. 63, no. 5, p. 1288; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(24) 29 CFR 1910.1028 Benzene, and Appendices A, B, C, D, and E, published [9/11/87, Federal Register, vol. 52, no. 176, pp. 34562-34578; 1/8/98, FR vol. 63, no. 5, p. 1289; 4/23/98, FR vol. 63, no. 78, p. 20099; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(25) 29 CFR 1910.1029 Coke oven emissions, published [10/22/76, Federal Register, vol. 41, p. 46784; amended by the following FR publications: 1/18/77, FR vol. 42, p. 3304; 5/23/80, FR vol. 45, p. 35283; 9/13/85, FR vol. 50, p. 37353; 6/7/89, FR vol. 54, p. 24334; 1/8/98, FR vol. 63, no. 5, p. 1290; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(26) 29 CFR 1910.1030 Bloodborne pathogens, published [12/6/91, Federal Register, vol. 56, no. 235, pp. 64175-64182; amended 7/1/92, vol. 57, no. 127, p. 29206; 1/18/01, FR vol. 66, no. 12, p. 5318; 4/3/06, FR vol. 71, no. 63, p. 16669;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(27) 29 CFR 1910.1043 Cotton dust, published [6/23/78, Federal Register, vol. 43, p. 27394; amended by the following FR publications: 8/8/78, FR vol. 43, p. 35035; 10/10/80, FR vol. 45, p. 67340; 12/13/85, FR vol. 50, p. 51173; 7/3/86, FR vol. 51, p. 24325; 6/7/89, FR vol. 54, p. 24334; 1/8/98, FR vol. 63, no. 5, p. 1290; 12/7/00, FR vol. 65, no. 236, p. 76563; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(28) 29 CFR 1910.1044 1,2-dibromo-3-chloropropane, published [3/17/78, Federal Register, vol. 43, p. 11527; amended by the following FR publications: 5/23/80, FR vol. 45, p. 35283; 4/30/84, FR vol. 49, p. 18295; 6/7/89, FR vol. 54, p. 24334; 6/30/93, FR vol. 58, no. 124, p. 35310; 1/8/98, FR vol. 63, no. 5, p. 1291; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(29) 29 CFR 1910.1045 Acrylonitrile, published [10/3/78, Federal Register, vol. 43, p. 45809; amended by the following FR publications: 5/23/80, FR vol. 45, p. 35283; 6/7/89, FR vol. 54, p. 24334; 6/30/93, FR vol. 58, no. 124, p. 35310; 1/8/98, FR vol. 63, no. 5, p. 1291; 4/23/98, FR vol. 63, no. 78, p. 20099; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(30) 29 CFR 1910.1047 Ethylene oxide, published [6/22/84, Federal Register, vol. 49, p. 25796; amended 3/12/85, FR vol. 50, p. 9801; amended 10/11/85, FR vol. 50, p. 41494; amended 7/10/86, FR vol. 51, p. 25053; amended 4/6/88, FR vol. 53, p. 11437; amended 7/26/88, FR vol. 53, p. 27960; 1/8/98, FR vol. 63, no. 5, p. 1292; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(31) 29 CFR 1910.1048 Formaldehyde, and Appendices A, B, C, D and E, published [12/4/87, Federal Register, vol. 52, no. 233, pp. 46291-46312; and amendments to 1910.1048 published 3/2/88, FR vol. 53, no. 41, pp. 6628-6629; 11/8/88, FR vol. 53, pp. 45080-45088; 11/22/88, FR

vol. 53, p. 47188; 7/13/89, FR vol. 54, no. 133, pp. 29545-29546; 8/1/89, FR vol. 54, No. 146, p. 31765; 8/29/89, FR vol. 54, p. 35639; 9/11/89, FR vol. 54, p. 37531; 10/24/89, vol. 54, pp. 43344-43346; 6/13/90, FR vol. 55, no. 114, p. 24070; 8/10/90, FR vol. 55, no. 155, p. 32616; 12/17/90, FR vol. 55, no. 242, p. 51698; 3/12/91, FR vol. 56, no. 48, pp. 10377-8; 6/12/91, FR vol. 56, no. 113, p. 26909; 8/8/91, FR vol. 56, no. 153, p. 37650-1, 11/13/91, FR vol. 56, no. 219, p. 57593; 1/23/92, FR vol. 57, no. 15, p. 2681-2; 5/5/92, FR vol. 57, no. 87, p. 19262; 5/27/92, FR vol. 57, no. 102, pp. 22307-9; 6/10/92, FR vol. 57, no. 112, p. 24701; 6/18/92, FR vol. 57, no. 118, pp. 27160-1; 1/8/98, FR vol. 63, no. 5, p. 1293; 4/23/98, FR vol. 63, no. 78, p. 20099; 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;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(32) 29 CFR 1910.1050 Methylene dianiline (MDA), published [8/10/92, Federal Register, vol. 57, no. 154, pp. 35666-35681; 1/8/98, FR vol. 63, no. 5, p. 1293; 4/23/98, FR vol. 63, no. 78, p. 20099; 4/3/06, FR vol. 71, no. 63, p. 16669; 8/24/06, FR vol. 71, no. 164, p. 50122;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(33) 29 CFR 1910.1051 1,3-Butadiene, published [11/4/96, Federal Register, vol. 61, no. 214, p. 56831; 1/8/98, FR vol. 63, no. 5, p. 1294; 1/5/05, FR vol. 69, p. 1111; 4/3/06, FR vol. 71, no. 63, p. 16669;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(34) 29 CFR 1910.1052 Methylene Chloride, published [1/10/97, Federal Register, vol. 62, no. 7, p. 1601; 10/20/97, FR vol. 62, p. 54382; 12/18/97, FR vol. 62, no. 243, p. 66275; 1/8/98, FR vol. 63, no. 5, p. 1295; 4/23/98, FR vol. 63, no. 78, p. 20099; 9/22/98, FR vol. 63, no. 183, p. 50729; amended by AO 12-2001, reference typo corrected, f. and ef. 10/26/01; 4/3/06, FR vol. 71, no. 63, p. 16669; 8/24/06, FR vol. 71, no. 164, p. 50122;] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(NOTE: 29 CFR 1910.1101 Asbestos, was repealed by Federal Register, vol. 57, no. 110, issued 6/8/92, p. 24330.)

(35) 29 CFR 1910.1096 Ionizing radiation, published [6/27/74, Federal Register, vol. 39, p. 23502; amended 10/24/78, FR vol. 43, p. 49746; 11/7/78, FR vol. 43, p. 51759; 4/30/84, FR vol. 49, p. 18295; 6/30/93, FR vol. 58, no. 124, p. 35309;] 6/20/96, FR vol. 61, no. 46, p. 31427.

(36) 29 CFR 1910.1200 Hazard communication, published [8/24/87, Federal Register, vol. 52, p. 31877; amended by the following FR publications: 12/4/87, FR vol. 52, p. 46080; 4/27/88, FR vol. 53, p. 15035; 2/15/89, FR vol. 54, p. 6888; 6/7/89, FR vol. 54, p. 24334; 2/9/94, FR vol. 59, no. 27, pp. 6126-6184; 4/13/94, FR vol. 59, no. 71, pp. 17478; 12/22/94, FR vol. 59, no. 245, p. 65947;] 3/7/96, FR vol. 61, no. 46, p. 9245.

(37) 29 CFR 1910.1201 Retention of DOT Markings, Placards and Labels, published 7/19/94, Federal Register, vol. 59, p. 36700.

(38) 29 CFR 1910.1450 Occupational Exposure to Hazardous Chemicals in Laboratories, published [1/31/90, Federal Register, vol. 55 no. 21, pp. 3300-3335; corrected 3/6/90, FR vol. 55, no. 44, p. 7967; 7/1/92, vol. 57, no. 127, p. 29204;] 4/3/06, FR vol. 71, no. 63, p. 16669.

(39) 29 CFR 1910.1499 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9245.

(40) 29 CFR 1910.1500 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9245.

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.

1910.1026 Chromium (VI)

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(d)
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- (4) Employee notification of determination results.
- (i) ~~Where the exposure determination indicates that employee exposure exceeds the PEL, within 15 working days the employer shall either post the results in an appropriate location that is accessible to all affected employees or shall notify each affected employee individually in writing of the results.~~ **Within 15 work days after making an exposure determination in accordance with paragraph (d)(2) or paragraph (d)(3) of this section, the employer shall individually notify each affected employee in writing of the results of that determination or post the results in an appropriate location accessible to all affected employees.**

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~~ **regulations** printed ~~in~~ **as part of** 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 Variances 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;~~] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.
- (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;~~] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(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;~~] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

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;~~] 11/15/07, FR vol. 72, no. 220, p. 64342.

(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;~~], **published** 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~~], **published** 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~~], **published** 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 by 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 [~~4/18/01, 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 [~~4/18/01, 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 [~~4/18/01, 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;~~] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.
- (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: Nonmandatory 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 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;] 7/20/06, FR vol. 71, no. 139, p. 41127..

(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. 5064;~~] 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; 12/12/08, FR vol. 73, no. 240, pp. 75568-75589;~~] 1/9/09, FR vol. 74, no. 6, p. 858.

(b) 29 CFR 1926.1126 Chromium (VI), published [~~2/28/06, Federal Register, vol. 71, no. 39, p. 10100; 6/23/06, FR vol. 71, no. 121, p. 36008; 12/12/08, FR vol. 73, no. 240, pp. 75568-75589;~~] **3/17/10, FR vol. 75, no. 51, pp. 12681-12686.**

(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;~~] 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

(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.

1926.1126 Chromium (VI)

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(d)
...

(4) Employee notification of determination results.

(i) [~~Where the exposure determination indicates that employee exposure exceeds the PEL, as soon as possible but not more than 5 working days later the employer shall either post the results in an appropriate location that is accessible to all affected employees or shall notify each affected employee individually in writing of the results.~~]
Within 5 work days after making an exposure determination in accordance with paragraph (d)(2) or paragraph (d)(3) of this section, the employer shall individually notify each affected employee in writing of the results of that determination or post the results in an appropriate location accessible to all affected employees.

*** Note: Federal OSHA has jurisdiction over most maritime activity.
Oregon OSHA does not publish the standards for Maritime Activities. ***

DIVISION 5, MARITIME ACTIVITIES

PART 1915 – OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR SHIPYARD EMPLOYMENT

437-005-0001

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 regulations printed as part of the Code of Federal Regulations, 29 CFR 1915, in the Federal Register:

(1) Subdivision A

- (a) 29 CFR 1915.1. Purpose and authority, published 4/20/82, Federal Register (FR) vol. 47, p. 16984.
 - (b) 29 CFR 1915.2. Scope and application, published 4/20/82, FR vol. 47, p. 16984.
 - (c) 29 CFR 1915.3. Responsibility, published 4/20/82, FR vol. 47, p. 16984.
 - (d) 29 CFR 1915.4. Definitions, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (e) 29 CFR 1915.5. Incorporation by reference, published 9/9/09, FR vol. 74, no. 173, pp. 46350-46361.
 - (f) 29 CFR 1915.6. Commercial diving operations, published 4/20/82, FR vol. 47, p. 16984.
 - (g) 29 CFR 1915.7. Competent person, published 7/25/94, FR vol. 59, p. 37856.
 - (h) 29 CFR 1915.9. Compliance duties owed to each employee, published 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.
- (2) Subdivision B
- (a) 29 CFR 1915.11. Scope, application and definitions applicable to this Subpart, published 7/25/94, FR vol. 59, p. 37857.
 - (b) 29 CFR 1915.12. Precautions before entering confined and enclosed spaces and other dangerous atmospheres, published 3/16/95, FR vol. 60, no. 51, p. 14218.
 - (c) 29 CFR 1915.13. Cleaning and other cold work, published 7/25/94, FR vol. 59, p. 37859.
 - (d) 29 CFR 1915.14. Hot work, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (e) 29 CFR 1915.15. Maintenance of safe conditions, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (f) 29 CFR 1915.16. Warning signs and labels, published 7/25/94, FR vol. 59, p. 37861.
- Appendix A to Subpart B published 7/3/02, FR vol. 67, no. 128, p. 44541.
Appendix B to Subpart B published 7/25/94, FR vol. 59, p. 37816.
- (3) Subdivision C
- (a) 29 CFR 1915.31. Scope & application of subdivision, published 4/20/82, FR vol. 47, p. 16984.
 - (b) 29 CFR 1915.32. Toxic cleaning solvents, published 5/24/96, FR vol. 61, no. 102, p. 26351.
 - (c) 29 CFR 1915.33. Chemical paint & preservative remover, published 5/24/96, FR vol. 61, no. 102, p. 26351.
 - (d) 29 CFR 1915.34. Mechanical paint removers, published 5/24/96, FR vol. 61, no. 102, p. 26351.
 - (e) 29 CFR 1915.35. Painting, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (f) 29 CFR 1915.36. Flammable liquids, published 4/20/82, FR vol. 47, p. 16984.
- (4) Subdivision D
- (a) 29 CFR 1915.51. Ventilation & protection in welding, cutting and heating, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (b) 29 CFR 1915.52. Fire prevention. REMOVED 9/15/04, FR vol. 69, p. 55667.
 - (c) 29 CFR 1915.53. Welding, cutting and heating of hollow metal containers & structure not covered by 1915.12, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (d) 29 CFR 1915.55. Gas welding & cutting, published 4/20/82, FR vol. 47, p. 16984.
 - (e) 29 CFR 1915.56. Arc welding and cutting, published 4/20/82, FR vol. 47, p. 16984.
 - (f) 29 CFR 1915.57. Uses of fissionable material in ship repairing and shipbuilding, published 4/20/82, FR vol. 47, p. 16984.
- (5) Subdivision E
- (a) 29 CFR 1915.71. Scaffolds or staging, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (b) 29 CFR 1915.72. Ladders, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (c) 29 CFR 1915.73. Guarding of deck openings and edges, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (d) 29 CFR 1915.74. Access to vessels, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (e) 29 CFR 1915.75. Access to and guarding of dry docks and marine railways, published 7/3/02, FR vol. 67, no. 128, p. 44541.

- (f) 29 CFR 1915.76. Access to cargo spaces and confined spaces, published 4/20/82, FR vol. 47, p. 16984.
- (g) 29 CFR 1915.77. Working surfaces, published amended 7/3/02, FR vol. 67, no. 128, p. 44541.
- (6) Subdivision F
 - (a) 29 CFR 1915.91. Housekeeping, published 4/ 20/82, FR vol. 47, p. 16984.
 - (b) 29 CFR 1915.92. Illumination, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (c) 29 CFR 1915.93. Utilities, published 4/20/82, FR vol. 47, p. 16984.
 - (d) 29 CFR 1915.94. Work in confined or isolated spaces, published 4/20/82, FR vol. 47, p. 16984.
 - (e) 29 CFR 1915.95. Ship repairing and shipbuilding work on or in the vicinity of radar and radio, published 6/7/89, FR vol. 54, p. 24334.
 - (f) 29 CFR 1915.96. Work in or on lifeboats, published 8/24/ 87, FR vol. 52, p. 31886.
 - (g) 29 CFR 1915.97. Health and sanitation, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (h) 29 CFR 1915.98. First aid, published 4/20/82, FR vol. 47 p. 16984.
 - (NOTE: 29 CFR 1915.99, Hazard Communication, was redesignated as 1915.1200 on 7/1/93, FR vol. 58, no. 125, p. 35514.)
 - (i) 29 CFR 1915.100. Retention of DOT markings, placards and labels, published 7/19/94, Federal Register, vol. 59, no. 137, p. 36700.
- (7) Subdivision G
 - (a) 29 CFR 1915.111. Inspection, published 4/20/ 82, FR vol. 47, p. 16984.
 - (b) 29 CFR 1915.112. Ropes, chains and slings, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (c) 29 CFR 1915.113. Shackles and hooks, published 9/29/86, FR vol. 51, p. 34562.
 - (d) 29 CFR 1915.114. Chain falls and pull-lifts, published 4/20/82, FR vol. 47, p. 16984.
 - (e) 29 CFR 1915.115. Hoisting and hauling equipment, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (f) 29 CFR 1915.116. Use of gear, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (g) 29 CFR 1915.117. Qualifications of operators, published 4/20/82, FR vol. 47, p. 16984.
 - (h) 29 CFR 1915.118. Tables, published 7/3/02, FR vol. 67, no. 128, p. 44541.
- (8) Subdivision H
 - (a) 29 CFR 1915.131. General precautions, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (b) 29 CFR 1915.132. Portable electric tools, published 4/20/82, FR vol. 47, p. 16984.
 - (c) 29 CFR 1915.133. Hand tools, published 4/20/ 82, FR vol. 47, p. 16984.
 - (d) 29 CFR 1915.134. Abrasive wheels, published 7/3/02, FR vol. 67, no. 128, p. 44541.
 - (e) 29 CFR 1915.135. Powder actuated fastening tools, published 5/24/96, FR vol. 61, no. 102, p. 26351.
 - (f) 29 CFR 1915.136. Internal combustion engines other than ship's equipment, published 4/20/82, FR vol. 47, p. 16984.
- (9) Subdivision I
 - (a) 29 CFR 1915.151. Scope, application and definitions, published 5/24/96, FR vol. 61, no. 102, p. 26352.
 - (b) 29 CFR 1915.152. General requirements, published 11/15/07, FR vol. 72, no. 220, p. 64342.
 - (c) 29 CFR 1915.153. Eye and face protection, published 9/9/09, FR vol. 74, no. 173, pp. 46350-46361.
 - (d) 29 CFR 1915.154. Respiratory protection, published 5/24/96, FR vol. 61, no. 102, p. 26354.
 - (e) 29 CFR 1915.155. Head protection, published 9/9/09, FR vol. 74, no. 173, pp. 46350-46361.
 - (f) 29 CFR 1915.156. Foot protection, published 9/9/09, FR vol. 74, no. 173, pp. 46350-46361.
 - (g) 29 CFR 1915.157. Hand and body protection, published 5/24/96, FR vol. 61, no. 102, p. 26354.
 - (h) 29 CFR 1915.158. Lifesaving equipment, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(i) 29 CFR 1915.159. Personal fall arrest systems (PFAS), published 7/3/02, FR vol. 67, no. 128, p. 44541.

(j) 29 CFR 1915.160. Positioning device systems, published 7/3/02, FR vol. 67, no. 128, p. 44541.

Appendix A to Subpart I, published 7/3/02, FR vol. 67, no. 128, p. 44541.

Appendix B to Subpart I, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(10) Subdivision J

(a) 29 CFR 1915.161. Scope and application of subdivision, published 4/20/ 82, FR vol. 47, p. 16984.

(b) 29 CFR 1915.162. Ship's boilers, published 4/20/82, FR vol. 47, p. 16984.

(c) 29 CFR 1915.163. Ship's piping systems, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(d) 29 CFR 1915.164. Ship's propulsion machinery, published 4/20/82, FR vol. 47, p. 16984.

(e) 29 CFR 1915.165. Ship's decking machinery, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(11) Subdivision K

(a) 29 CFR 1915.171. Scope and application of subdivision, published 4/20/ 82, FR vol. 47, p. 16984.

(b) 29 CFR 1915.172. Portable air receiver and other unfired pressure vessels, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(c) 29 CFR 1915.173. Drums and containers, published 4/20/82, FR vol. 47, p. 16984.

(12) Subdivision L

(a) 29 CFR 1915.181. Electrical circuits and distribution boards, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(13) Subdivisions M-O (Reserved)

(14) Subdivision P

(a) 29 CFR 1915.501. General provisions, published 9/15/04, FR vol. 69, p. 55667.

(b) 29 CFR 1915.502. Fire safety plan, published 9/15/04, FR vol. 69, p. 55667.

(c) 29 CFR 1915.503. Precautions for hot work, published 9/15/04, FR vol. 69, p. 55667.

(d) 29 CFR 1915.504. Fire watches, published 9/15/04, FR vol. 69, p. 55667.

(e) 29 CFR 1915.505. Fire response, published 10/17/06, FR vol. 71, no. 200, p. 60843.

(f) 29 CFR 1915.506. Hazards of fixed extinguishing systems on board vessels and vessel sections, published 9/15/04, FR vol. 69, p. 55667.

(g) 29 CFR 1915.507. Land-side fire protection systems, published 10/17/06, FR vol. 71, no. 200, p. 60843.

(h) 29 CFR 1915.508. Training, published 9/15/04, FR vol. 69, p. 55667.

(i) 29 CFR 1915.509. Definitions applicable to this subpart, published 9/15/04, FR vol. 69, p. 55667.

Appendix A to Subpart P, published 9/15/04, FR vol. 69, p. 55667.

(15) Subdivision Q-Y (Reserved)

(16) Subdivision Z

(a) 29 CFR 1915.1000, Air Contaminants, published 7/3/02, FR vol. 67, no. 128, p. 44541.

(b) 29 CFR 1915.1001, Asbestos, published 12/12/08, FR vol. 73, no. 240, pp. 75568-75589.

Appendix A to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.

Appendix B to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.

Appendix C to 1915.1001, published 7/3/02, FR vol. 67, no. 128, p. 44541.

Appendix D to 1915.1001, published 8/10/94, FR vol. 59, p. 40964.

Appendix E to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.

Appendix F to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.

Appendix G to 1915.1001, published 8/10/94, FR vol. 59, p. 40964.

Appendix H to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.

Appendix I to 1915.1001, published 8/10/94, FR vol. 59, p. 40964.

- Appendix J to 1915.1001, published 8/10/94, FR vol. 59, p. 40964.
 Appendix K to 1915.1001, published 6/29/95, FR vol. 60, p. 33972.
 Appendix L to 1915.1001, published 8/23/96, FR vol. 61, p. 43454.
 (c) 29 CFR 1915.1002. Coal tar pitch volatiles; interpretation of term, published 6/20/96, FR vol. 61, p. 31427.
 (d) 29 CFR 1915.1003. 13 Carcinogens (4-Nitrobiphenyl, etc.), published 6/20/96, FR vol. 61, p. 31427.
 (e) 29 CFR 1915.1004. alpha-Naphthylamine, published 6/20/96, FR vol. 61, p. 31427.
 (f) 29 CFR 1915.1005. (Reserved)
 (g) 29 CFR 1915.1006. Methyl chloromethyl ether, published 6/20/96, FR vol. 61, p. 31427.
 (h) 29 CFR 1915.1007. 3,3'Dichlorobenzidene (and its salts), published 6/20/96, FR vol. 61, p. 31427.
 (i) 29 CFR 1915.1008. bis-Chloromethyl ether, published 6/20/96, FR vol. 61, p. 31427.
 (j) 29 CFR 1915.1009. beta-Naphthylamine, published 6/20/96, FR vol. 61, p. 31427.
 (k) 29 CFR 1915.1010. Benzidine, published 6/20/96, FR vol. 61, p. 31427.
 (l) 29 CFR 1915.1011. 4-Aminodiphenyl, published 6/20/96, FR vol. 61, p. 31427.
 (m) 29 CFR 1915.1012. Ethyleneimine, published 6/20/96, FR vol. 61, p. 31427.
 (n) 29 CFR 1915.1013. beta-Propiolactone, published 6/20/96, FR vol. 61, p. 31427.
 (o) 29 CFR 1915.1014. 2-Acetylaminofluorene, published 6/20/96, FR vol. 61, p. 31427.
 (p) 29 CFR 1915.1015. 4-Dimethylaminoazobenzene, published 6/20/96, FR vol. 61, p. 31427.
 (q) 29 CFR 1915.1016. N-Nitrosodimethylamine, published 6/20/96, FR vol. 61, p. 31427.
 (r) 29 CFR 1915.1017. Vinyl chloride, published 6/20/96, FR vol. 61, p. 31427.
 (s) 29 CFR 1915.1018. Inorganic arsenic, published 6/20/96, FR vol. 61, p. 31427.
 (t) 29 CFR 1915.1020 Access to employee exposure and medical records, published 6/20/96, FR vol. 61, p. 31427.
 (u) 29 CFR 1915.1025. Lead, published 6/20/96, FR vol. 61, p. 31427.
 (v) 29 CFR 1915.1026 Chromium (VI), published ~~12/12/08, FR vol. 73, no. 240, pp. 75568-75589~~ **3/17/10, FR vol. 75, no. 51, pp. 12681-12686.**
 (w) 29 CFR 1915.1027. Cadmium, published 6/20/96, FR vol. 61, p. 31427.
 (x) 29 CFR 1915.1028. Benzene, published 6/20/96, FR vol. 61, p. 31427.
 (y) 29 CFR 1915.1030. Bloodborne pathogens, published 6/20/96, FR vol. 61, p. 31427.
 (z) 29 CFR 1915.1044. 1,2 dibromo-3-chloropropane, published 6/20/96, FR vol. 61, p. 31427.
 (aa) 29 CFR 1915.1045. Acrylonitrile, published 6/20/96, FR vol. 61, p. 31427.
 (bb) 29 CFR 1915.1047. Ethylene oxide, published 6/20/96, FR vol. 61, p. 31427.
 (cc) 29 CFR 1915.1048. Formaldehyde, published 6/20/96, FR vol. 61, p. 31427.
 (dd) 29 CFR 1915.1050. Methylenedianiline, published 6/20/96, FR vol. 61, p. 31427.
 (ee) 29 CFR 1915.1052 Methylene Chloride, published 1/10/97, Federal Register, vol. 62, no. 7, p. 1619.
 (ff) 29 CFR 1915.1120 Access to employee exposure and medical records has been redesignated to §1915.1020.
 (Note: 29 CFR 1915.99, Hazard Communication was redesignated as 1915.1200 on 7/1/93, FR vol. 58, no. 125, p. 35514.)
 (gg) 29 CFR 1915.1200. Hazard communication, published 6/20/96, FR vol. 61, p. 31427.
 (hh) 29 CFR 1915.1450. Occupational exposure to hazardous chemicals in laboratories, published 6/20/96, FR vol. 61, p. 31427.

Stat. Auth.: ORS 654.025(2) and 656.726(4).
 Stats. Implemented: ORS 654.001 to 654.295.

1915.1026 Chromium (VI)

...
(d)

...

(4) Employee notification of determination results.

(i) [~~Where the exposure determination indicates that employee exposure exceeds the PEL, as soon as possible but not more than 5 working days later the employer shall either post the results in an appropriate location that is accessible to all affected employees or shall notify each affected employee individually in writing of the results.~~]
Within 5 work days after making an exposure determination in accordance with paragraph (d)(2) or paragraph (d)(3) of this section, the employer shall individually notify each affected employee in writing of the results of that determination or post the results in an appropriate location accessible to all affected employees.