

Oregon OSHA – Adopted Changes
Federal Amendments to Maritime Activities
and three standards in General Industry

Oregon OSHA Administrative Order 3-2011,
adopted and effective November 1, 2011

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

Text added is in **bold and underlined**.

SUBDIVISION J – GENERAL ENVIRONMENTAL CONTROLS

437-002-0140

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 1910, revised as of 7/1/98, and any subsequent amendments published in the Federal Register as listed below:

- (1) 29 CFR 1910.141 Sanitation, published [~~6/27/74, Federal Register, vol. 39, p. 23502; amended 4/28/75, FR vol. 40, p. 18446; 5/28/75, FR vol. 40, p. 23073; 10/24/78, FR vol. 43, p. 49748;~~] 6/18/98, FR vol. 63, no. 117, p. 33467.
- (2) Reserved for 29 CFR 1910.142 Temporary labor camps.
- (3) 29 CFR 1910.143 Nonwater carriage disposal systems (Reserved).
- (4) 29 CFR 1910.144 Safety color code for marking physical hazards, published [~~6/27/74, Federal Register, vol. 39, p. 23502; amended 10/24/78, FR vol. 43, p. 49749; 2/10/84, FR vol. 49, p. 5322; 3/7/96, FR vol. 61, no. 46, p. 9239;~~] 12/14/07, FR vol. 72, no. 240, p. 71061.
- (5) 29 CFR 1910.145 Specifications for accident prevention signs and tags, published [~~6/27/74, Federal Register, vol. 39, p. 23502; amended 10/24/78, FR vol. 43, p. 49749; 11/7/78, FR vol. 43, p. 51759; 2/10/84, FR vol. 49, p. 5322; 9/19/86, FR vol. 51, p. 33260; 3/7/96, FR vol. 61, no. 46, p. 9239]~~ **5/2/11, Federal Register vol. 76, no. 84, p. 24576; 7/25/11, FR vol. 76, no. 142, p. 44265.**
- (6) 29 CFR 1910.146 Permit-required confined spaces, published [~~1/14/93, Federal Register, vol. 58, no. 9, pp 4549-4563; corrections published 6/29/93, FR vol. 58, no. 123, p. 34844; amended 5/19/94, FR vol. 59, no. 96, pp. 26411-26416; 12/1/98, FR vol. 63, no. 230, p. 66038;~~] 1/4/99, FR vol. 64, no. 1, p.204.
- (7) 29 CFR 1910.147 The control of hazardous energy, (lockout/tagout); published [~~9/1/89, Federal Register, vol. 54, no. 169, pp. 36687-36696; amended (extension of~~

effective date) 11/6/89, FR vol. 54, no. 213, p. 46610; amended 9/20/90, FR vol. 55, no. 183, pp. 38685-38687; amended with AO 12-2001, add (f)(3), f. and ef. 10/26/01] **5/2/11, Federal Register vol. 76, no. 84, p. 24576; 7/25/11, FR vol. 76, no. 142, p. 44265.**

(8) 29 CFR 1910.148 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9239.

(9) 29 CFR 1910.149 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9239.

(10) 29 CFR 1910.150 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9239.

These federal standards are on file with the Oregon Occupational Safety and Health Division, Department of Consumer and Business Services and the United States Government Printing Office.

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

Stats. Implemented: ORS 654.001 through 654.295.

Hist: OR-OSHA Admin. Order 2-1990, f. 1/19/90, ef. 3/1/90 (L/T).
OR-OSHA Admin. Order 4-1991, f. 2/25/91, ef. 3/15/91 (L/T).
OR-OSHA Admin. Order 13-1992, f. 12/7/92, ef. 2/1/93 (2/J).
OR-OSHA Admin. Order 8-1993, f. 7/1/93, ef. 7/1/93 (Conf. Sp.).
OR-OSHA Admin. Order 5-1994, f. 9/30/94, ef. 9/30/94 (Conf. Sp.).
OR-OSHA Admin. Order 4-1997, f. 4/2/97, ef. 4/2/97.
OR-OSHA Admin. Order 4-1999, f. 4/30/99, ef. 4/30/99.
OR-OSHA Admin. Order 5-1999, f. 5/26/99, ef. 5/26/99 (Conf. Sp.).
OR-OSHA Admin. Order 12-2001, f. 10/26/01, ef. 10/26/01 (group lockout).
OR-OSHA Admin. Order 7-2008, f. 5/30/08, ef. 5/30/08.
OR-OSHA Admin. Order 3-2011, f. 11/1/11, ef. 11/1/11.

1910.145 Specifications for Accident Prevention Signs and Tags.

(a) Scope.

(1) These specifications apply to the design, application, and use of signs or symbols (as included in paragraphs (c) through (e) of this section) intended to indicate and, insofar as possible, to define specific hazards of a nature such that failure to designate them may lead to accidental injury to workers or the public, or both, or to property damage. These specifications are intended to cover all safety signs except those designed for streets, highways, **and** railroads[, ~~and marine regulations~~]. These specifications do not apply to plant bulletin boards or to safety posters.

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(f) Accident prevention tags.

(1) Scope and application.

(i) This paragraph (f) applies to all accident prevention tags used to identify hazardous conditions and provide a message to employees with respect to hazardous conditions as set forth in paragraph (f)(3) of this section, or to meet the specific tagging requirements of other OSHA standards.

(ii) This paragraph (f) does not apply to construction~~[-, maritime]~~ or agriculture.

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1910.147 The Control of Hazardous Energy (Lockout/Tagout).

(a) Scope, application and purpose.

(1) Scope.

(i) This standard covers the servicing and maintenance of machines and equipment in which the unexpected energization or start up of the machines or equipment, or release of stored energy could cause injury to employees. This standard establishes minimum performance requirements for the control of such hazardous energy.

(ii) This standard does not cover the following:

~~[(A) (This exemption of construction, agriculture and maritime employment was not adopted in Oregon. Lockout/tagout rules continues to apply to all Oregon employers.)]~~ **NOTE: Oregon OSHA did not adopt the exemptions to lockout/tagout in 1910.147(a)(1)(ii)(A). Oregon has applicable rules for construcion and agriculture.**

(B) Employment covered by parts 1915, 1917, and 1918 of this title;

~~[(B)]~~ **C** Installations under the exclusive control of electric utilities for the purpose of power generation, transmission and distribution, including related equipment for communication or metering;~~[-and]~~

~~[(C)]~~ **D** Exposure to electrical hazards from work on, near, or with conductors or equipment in electric-utilization installations, which is covered by Subdivision S of this Division; and

~~[(D)]~~ **E** Oil and gas well drilling and servicing.

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SUBDIVISION N – MATERIALS HANDLING AND STORAGE

437-002-0220

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 1910, revised as of 7/1/03, and any subsequent amendments published in the Federal Register as listed below:

(1) 29 CFR 1910.176 Handling materials - general, published [~~6/27/74, Federal Register, vol. 39, p. 23052; amended~~] 10/24/78, FR vol. 43, p. 49749.

(2) 29 CFR 1910.177 Servicing of multi-piece and single piece rim wheels; published [~~1/29/80, Federal Register, vol. 45, no. 20, pp. 6713-6716; amended 2/3/84, FR vol. 49, no. 24, pp. 4350-5352; amended 9/8/88, FR vol. 53, no. 174, pg. 34737; amended 3/7/96, FR vol. 61, no. 46, p. 9239; amended by AO 12-2001, reference change in Appendix B, f. and ef. 10/26/01~~] **5/2/11, Federal Register vol. 76, no. 84, p. 24576.**

(3) 29 CFR 1910.178 Powered industrial trucks, published [~~6/27/74, Federal Register, vol. 39, p. 23052; amended 5/28/75, FR vol. 40, p. 23073; 10/24/78, FR vol. 43, p. 49749; 2/10/84, FR vol. 49, p. 5322; 4/12/88, FR vol. 53, p. 12122; 8/6/90, FR vol. 55, p. 32015; 3/7/96, FR vol. 61, no. 46, p. 9239; 12/1/98, FR vol. 63, no. 230, p. 66270; amended by AO 12-2001, Oregon note added, f. and ef. 10/26/01; 6/2/03, FR vol. 68, no. 105, pg. 32637;~~] 4/3/06, FR vol. 71, no. 63, p. 16669.

(4) 29 CFR 1910.179 Overhead and gantry cranes, published [~~10/18/72, Federal Register, vol. 37, p. 22102; amended 6/1/73, FR vol. 38, p. 14373; 10/24/78, FR vol. 43, p. 49750; 2/10/84, FR vol. 49, p. 5323; 9/29/86, FR vol. 51, p. 34561; 4/12/88, FR vol. 53, p. 12122; 8/6/90, FR vol. 55, p. 32015;~~] 3/7/96, FR vol. 61, no. 46, p. 9239.

(5) 29 CFR 1910.180 Crawler, locomotive and truck cranes, published [~~4/27/74, Federal Register, vol. 39, p. 23502; amended 2/10/84, FR vol. 49, p. 5323; 9/29/86, FR vol. 51, p. 35561; 4/12/88, FR vol. 53, p. 12122; 8/6/90, FR vol. 55, p. 32015;~~] 3/7/96, FR vol. 61, no. 46, p. 9239.

(6) 29 CFR 1910.181 Derricks, published [~~10/18/72, Federal Register, vol. 37, p. 22120; amended 6/1/73, FR vol. 38, p. 14373; 10/24/78, FR vol. 43, p. 49750; 2/10/84, FR vol. 49, p. 5323; 9/29/86, FR vol. 51, p. 34561; 4/12/88, FR vol. 53, p. 12122; 8/6/90, FR vol. 55, p. 32015;~~] 3/7/96, FR vol. 61, no. 46, p. 9240.

(7) 29 CFR 1910.182 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9240.

(8) 29 CFR 1910.183 Helicopters, published [~~6/27/75, Federal Register, vol. 40, p. 27369; amended 7/28/75, FR vol. 40, p. 31598; 3/30/76, FR vol. 41, p. 13353;~~] 6/18/98, FR vol. 63, no. 117, p. 33467.

(9) 29 CFR 1910.184 Slings, published [~~6/27/75, Federal Register, vol. 40, p. 27369; amended 7/28/75, FR vol. 40, p. 31598; 3/30/76, FR vol. 41, p. 13353; 6/30/93, FR vol. 58, no. 124, p. 35309;~~] 3/7/96, FR vol. 61, no. 46, p. 9240.

(10) 29 CFR 1910.189 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9240.

(11) 29 CFR 1910.190 Removed. Published 3/7/96, Federal Register, vol. 61, no. 46, p. 9240.

These rules are on file at the Oregon Occupational Safety and Health Division, 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 2-1989, f. 3/1/89, ef. 3/1/89 (Single & Multi).

OR-OSHA Admin. Order 13-1993, f. 8/20/93, ef. 11/1/93 (Remainder of 2/N).

OR-OSHA Admin. Order 4-1997, f. 4/2/97, ef. 4/2/97.

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 12-2001, f. 10/26/01, ef. 10/26/01.

OR-OSHA Admin. Order 7-2003, f. 12/5/03, ef. 12/5/03.

OR-OSHA Admin. Order 4-2006, f. 7/24/06, ef. 7/24/06.

OR-OSHA Admin. Order 3-2011, f. 11/1/11, ef. 11/1/11.

1910.177 Servicing Multi-piece and Single Piece Rim Wheels.

(a) Scope.

(1) This section applies to the servicing of multi-piece and single piece rim wheels used on large vehicles such as trucks, tractors, trailers, buses and off-road machines. It does not apply to the servicing of rim wheels used on automobiles, or on pickup trucks and vans utilizing automobile tires or truck tires designated "LT."

NOTE: [~~1910.177(a)(2), which exempted construction, agriculture, and maritime employment, was not adopted by OR-OSHA. In Oregon, §1910.177 applies to all Oregon employers.~~] **1910.177(a)(2), which exempts construction, agriculture, and longshoring, was not adopted by Oregon OSHA. In Oregon, 1910.177 applies to construction and longshoring, and OAR 437-004-3550 applies to agriculture.**

(3) All provisions of this section apply to the servicing of both single piece rim wheels and multi-piece rim wheels unless designated otherwise.

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*** Note: Please refer to the [May 2, 2011 Federal Register](#) for the text of the amended references. 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~~ **5/2/11, Federal Register vol. 76, no. 84, p. 24576.**

(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 1915.80 Scope, application, definitions and effective dates, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (b) 29 CFR 1915.81 Housekeeping, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (c) 29 CFR 1915.82 Lighting, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (d) 29 CFR 1915.83 Utilities, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (e) 29 CFR 1915.84 Working alone, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (f) 29 CFR 1915.85 Vessel radar and communication systems, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**

(g) 29 CFR 1915.86 Lifeboats, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

(h) 29 CFR 1915.87 Medical services and first aid, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

(i) 29 CFR 1915.88 Sanitation, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

(j) 29 CFR 1915.89 Control of hazardous energy (lockout/tagout), published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

(k) 29 CFR 1915.90 Safety color code for marking physical hazards, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

~~[(a)]~~ 29 CFR 1915.91. [~~Housekeeping, published 4/20/82, FR vol. 47, p. 16984.~~]
Accident prevention signs and tags, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.

~~[(b)]~~ 29 CFR 1915.92. [~~Illumination, published 7/3/02, FR vol. 67, no. 128, p. 44541.~~]
Retention of DOT markings, placards, and labels.

~~[(e)]~~ 29 CFR 1915.93. [~~Utilities, published 4/20/82, FR vol. 47, p. 16984.~~] **Motor vehicle safety equipment, operation, and maintenance, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**

~~[(d)]~~ 29 CFR 1915.94. [~~Work in confined or isolated spaces, published 4/20/82, FR vol. 47, p. 16984.~~] **Servicing of multi-piece and single-piece rim wheels, published 5/2/11, Federal Register vol. 76, no. 84, p. 24576.**

~~[(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~~]**5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (c) 29 CFR 1915.163. Ship's piping systems, published [~~7/3/02, FR vol. 67, no. 128, p. 44541~~]**5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (d) 29 CFR 1915.164. Ship's propulsion machinery, published [~~4/20/82, FR vol. 47, p. 16984~~]**5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
 - (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~~ **5/2/11, Federal Register vol. 76, no. 84, p. 24576.**
- (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 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.

Hist: OR-OSHA Admin. Order 9-1992, f. 9/24/92, ef. 11/1/92.

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