readily create or aggravate a hazardous exposure.

(q) The term enclosed space means any space, other than a confined space, which is enclosed by bulkheads and overhead. It includes cargo holds, tanks, quarters, and machinery and boiler spaces.

(r) The term hot work means riveting, welding, burning or other fire or spark producing operations.

(s) The term cold work means any work which does not involve riveting, welding, burning or other fire or spark producing operations.

(t) The term portable unfired pressure vessel means any pressure container or vessel used aboard ship, other than the ship’s equipment, containing liquids or gases under pressure, excepting pressure vessels built to Department of Transportation regulations under 49 CFR part 178, subparts C and H.

(u) The term powder actuated fastening tool means a tool or machine which drives a stud, pin, or fastener by means of an explosive charge.

(v) For purposes of §1915.97, the term hazardous material means a material which has one or more of the following characteristics:

1. Has a flash point below 140 °F, closed cup, or is subject to spontaneous heating;
2. Has a threshold limit value below 500 p.p.m. in the case of a gas or vapor, below 500 mg./m.³ for fumes, and below 25 m.p.p.c.f. in case of a dust;
3. Has a single dose oral LD₅₀ below 500 mg./kg.;
4. Is subject to polymerization with the release of large amounts of energy;
5. Is a strong oxidizing or reducing agent;
6. Causes first degree burns to skin in short time exposure, or is systemically toxic by skin contact; or
7. In the course of normal operations, may produce dusts, gases, fumes, vapors, mists, or smokes which have one or more of the above characteristics.

§1915.5 Incorporation by reference.

(a) Specifications, standards, and codes of agencies of the U.S. Government, to the extent specified in the text, form a part of the regulations of this part. In addition, under the authority vested in the Secretary under the Act, the specifications, standards, and codes of organizations which are not agencies of the U.S. Government, in effect on the date of the promulgation of the regulations of this part as listed below, to the extent specified in the text, form a part of the regulations of this part.

(b)(1) The standards listed in paragraph (d) of this section are incorporated by reference in the corresponding sections noted as the sections exist on the date of the approval, and a notice of any change in these standards will be published in the Federal Register. The Director of the Federal Register approved these incorporations by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

2. Any changes in the standards incorporated by reference in this part and an official historic file of such changes are available for inspection in the Docket Office at the national office of the Occupational Safety and Health Administration, U.S. Department of Labor, Washington, DC 20910; telephone: 202–693–2350 (TTY number: 877–889–5627).

(c) Copies of standards listed in this section and issued by private standards organizations are available for purchase from the issuing organizations at the addresses or through the other contact information listed below for these private standards organizations. In addition, these standards are available for inspection at the National Archives and Records Administration (NARA). For information on the availability of these standards at NARA, telephone: 202–741–6030, or go to http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html. Also, the standards are available for inspection at any Regional Office of the Occupational Safety and Health Administration (OSHA), or at the OSHA Docket Office, U.S. Department of Labor, 200 Constitution Avenue, NW., Room N–2625, Washington, DC 20210; telephone: 202–693–2350 (TTY number: 877–889–5627).
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(d)(1) Except as noted, copies of the standards listed below in this paragraph are available for purchase from the American National Standards Institute (ANSI), 25 West 43rd Street, 4th Floor, New York, NY 10036; telephone: 212–642–4900; fax: 212–398–0023; Web site: http://www.ansi.org.

(i) ANSI A14.1–1975 Safety Requirements for Portable Wood Ladders, IBR approved for §1915.72(a)(6).

(ii) ANSI A14.2–1972 Safety Requirements for Portable Metal Ladders, IBR approved for §1915.72(a)(4).


(xiii) ANSI/IESNA Z308.1–2009, Revision of ANSI Z308.1–2003, Minimum Requirements for Workplace First Aid Kits and Supplies, ANSI approved May 8, 2009, IBR approved for §1915.87 Appendix A.

(2) The following material is available for purchase from the American Society of Mechanical Engineers, 345 East 47th Street, New York, New York 10017:
Occupational Safety and Health Admin., Labor § 1915.7

(i) ASME Boiler and Pressure Vessel Code, Section VIII, Rules for Construction of Unfired Pressure Vessels, 1963, IBR approved for §1915.172(a).

(3) The following material is available for purchase from the American Conference of Governmental Industrial Hygienists (ACGIH), 1014 Broadway, Cincinnati, OH 45202:

(i) Threshold limit values, 1970, IBR approved for §§1915.12(b) and 1915.1000, table Z.

(4) The following material is available for purchase from the National Fire Protection Association, 1 Batterymarch Park, PO Box 9101, Quincy, MA 02269-9101:


(vi) NFPA 10–2002 Standard for Portable Fire Extinguishers, IBR approved for §§1915.507(b)(1) and (b)(2).

(vii) NFPA 14–2003 Standard for the Installation of Standpipe and Hose Systems, IBR approved for §§1915.507(b)(2) and (d)(1).


(5) Copies of the standards listed below in this paragraph are available for purchase from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959; telephone: 610-832-9585; fax: 610-832-9555; e-mail: serviceastm.org; Web site: http://www.astm.org:


§ 1915.6 Commercial diving operations.

Commercial diving operations shall be subject to subpart T of part 1910, §§1910.401–1910.441 of this chapter.

§ 1915.7 Competent person.

(a) Application. This section applies to shipyard employment.

(b) Designation. (1) One or more competent persons shall be designated by the employer in accordance with the applicable requirements of this section, unless the requirements of subparts B, C, D and H of this part are always carried out by a Marine Chemist. Exception: The employer may designate any