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49 CFR Ch. I (10–1–07 Edition)

| Current OMB control No. | Title | Title 49 CFR part or section where identified and described |
|-------------------------|---|--|
| 2137–0557 | Approvals for Hazardous Materials | §§ 107.402, 107.403, 107.405, 107.502, 107.503, 107.705, 107.713, 107.715, 107.717, 107.803, 107.805, 107.807, 110.30, 172.101, 172.102, Special Provisions 19, 26, 53, 55, 60, 105, 118, 121, 125, 129, 131, 133, 136, B45, B55, B61, B69, B77, B81, N10, N72, 173.2a, 173.4, 173.7, 173.21, 173.22, 173.24, 173.31, 173.38, 173.51, 173.56, 173.58, 173.59, 173.124, 173.128, 173.159, 173.166, 173.171, 173.214, 173.222, 173.224, 173.225, 173.245, 173.301, 173.305, 173.306, 173.314, 173.315, 173.316, 173.318, 173.334, 173.340, 173.411, 173.433, 173.457, 173.471, 173.472, 173.476, 174.50, 174.63, 175.8, 175.85, 175.701, 175.703, 176.168, 176.340, 176.704, 178.3, 178.35, 178.47, 178.53, 178.273, 178.274, 178.503, 178.509, 178.605, 178.606, 178.608, 178.801, 178.813, 180.213. |
| 2137–0559 | (Rail Carriers and Tank Car Tank Requirements) Requirements for Rail Tank Car Tanks—Transportation of Hazardous Materials by Rail.. | §§ 172.102, Special provisions: B45, B46, B55, B61, B69, B77, B78, B81; 173.10, 173.31, 174.20, 174.50, 174.63, 174.104, 174.114, 174.204, 179.3, 179.4, 179.5, 179.6, 179.7, 179.11, 179.18, 179.22, 179.100–9, 179.100–12, 179.100–13, 179.100–16, 179.100–17, 179.102–4, 179.102–17, 179.103–1, 179.103–2, 179.103–3, 179.103–5, 179.200–10, 179.200–14, 179.200–15, 179.200–16, 179.200–17, 179.200–19, 179.201–3, 179.201–8, 179.201–9, 179.220–4, 179.220–7, 179.220–8, 179.220–13, 179.220–15, 179.220–17, 179.220–18, 179.220–20, 179.220–22, 179.300–3, 179.300–7, 179.300–9, 179.300–12, 179.300–13, 179.300–15, 179.300–20, 179.400–3, 179.400–4, 179.400–11, 179.400–13, 179.400–16, 179.400–17, 179.400–19, 179.400–20, 179.500–5, 179.500–8, 179.500–12, 179.500–18, 180.505, 180.509, 180.515, 180.517. |
| 2137–0572 | Testing Requirements for Non-Bulk Packaging .. | §§ 178.2, 178.601. |
| 2137–0582 | Container Certification Statement | §§ 176.27, 176.172. |
| 2137–0586 | Hazardous Materials Public Sector Training and Planning Grants. | Part 110. |
| 2137–0591 | Response Plans for Shipments of Oil | Part 130. |
| 2137–0595 | Cargo Tank Motor Vehicles in Liquefied Compressed Gas Service. | §§ 173.315, 178.337–8, 178.337–9, 180.405, 180.416. |
| 2137–0612 | Hazardous Materials Security Plans | Part 172, Subpart I, §§ 172.800, 172.802, 172.804. |
| 2137–0613 | Subsidiary Hazard Class and Number/Type of Packagings. | §§ 172.202, 172.203 |
| 2137–0620 | Inspection and Testing of Meter Provers | Part 173, Subpart A, § 173.5a. |
| 2137–0621 | Requirements for United Nations (UN) Cylinders | §§ 173.301, 173.304, 173.304b, 178.69, 178.70, 178.74, 178.75, 180.207, 180.209, 180.212, 180.215, 180.217. |

[Amdt. 171–111, 56 FR 66157, Dec. 20, 1991, as amended at 57 FR 1877, Jan. 16, 1992; Amdt. 171–121, 58 FR 51527, Oct. 1, 1993; Amdt. 171–137, 61 FR 33254, June 26, 1996; 62 FR 51558, Oct. 1, 1997; 64 FR 51915, Sept. 27, 1999; 64 FR 61220, Nov. 10, 1999; 65 FR 58619, Sept. 29, 2000; 67 FR 61012, Sept. 27, 2002; 67 FR 51640, Aug. 8, 2002; 68 FR 31628, May 28, 2003; 68 FR 45010, July 31, 2003; 69 FR 54045, Sept. 7, 2004; 70 FR 33379, June 8, 2005; 70 FR 56090, Sept. 23, 2005; 70 FR 73163, Dec. 9, 2005; 71 FR 54391, Sept. 14, 2006; 72 FR 55683, Oct. 1, 2007]

§ 171.7 Reference material.

(a) Matter incorporated by reference—
 (1) General. There is incorporated, by reference in parts 170–189 of this sub-

chapter, matter referred to that is not specifically set forth. This matter is hereby made a part of the regulations in parts 170–189 of this subchapter. The

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matter subject to change is incorporated only as it is in effect on the date of issuance of the regulation referring to that matter. The material listed in paragraph (a)(3) has been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C 552(a) and 1 CFR part 51. Material is incorporated as it exists on the date of the approval and a notice of any change in the material will be published in the FEDERAL REGISTER. Matters referenced by footnote are included as part of the regulations of this subchapter.

(2) *Accessibility of materials.* All incorporated matter is available for inspection at:

(i) The Office of Hazardous Materials Safety, Office of Hazardous Materials Standards, East Building, PHH-10, 1200

New Jersey Avenue, SE., Washington, DC 20590-0001; and

(ii) The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(3) *Table of material incorporated by reference.* The following table sets forth material incorporated by reference. The first column lists the name and address of the organization from which the material is available and the name of the material. The second column lists the section(s) of this subchapter, other than §171.7, in which the matter is referenced. The second column is presented for information only and may not be all inclusive.

| Source and name of material | 49 CFR reference |
|---|-------------------|
| <i>Air Transport Association of America</i> , 1301 Pennsylvania Avenue, N.W., Washington, DC 20004-1707: ATA Specification No. 300 Packaging of Airline Supplies, Revision 19, July 31, 1996 | 172.102. |
| <i>The Aluminum Association</i> , 420 Lexington Avenue, New York, NY 10017: Aluminum Standards and Data, Seventh Edition, June 1982 | 172.102; 178.65. |
| <i>American National Standards Institute, Inc.</i> , 25 West 43rd Street, New York, NY 10036: ANSI/ASHRAE 15-94, Safety Code for Mechanical Refrigeration | 173.306; 173.307. |
| ANSI B16.5-77, Steel Pipe Flanges, Flanged Fittings | 178.360-4. |
| ANSI N14.1 Uranium Hexafluoride—Packaging for Transport, 1971, 1982, 1987, 1990, 1995 and 2001 Editions. | 173.417; 173.420. |
| <i>American Petroleum Institute</i> , 1220 L Street, NW, Washington, D.C. 20005-4070: API Recommended Practice Closures of Underground Petroleum Storage Tanks, 3rd Edition, March 1996. | 172.102. |
| <i>American Pyrotechnics Association (APA)</i> , P.O. Box 213, Chestertown, MD 21620: APA Standard 87-1, Standard for Construction and Approval for Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics, December 1, 2001 version. | 173.56. |
| <i>American Society of Mechanical Engineers</i> , ASME International, 22 Law Drive, P.O. Box 2900, Fairfield, NJ 07007-2900: | |

| Source and name of material | 49 CFR reference |
|--|--|
| ASME Code, Sections II (Parts A and B), V, VIII (Division 1), and IX of 1998 Edition of American Society of Mechanical Engineers Boiler and Pressure Vessel Code. | 172.102; 173.24b; 173.32; 173.306; 173.315; 173.318; 173.420; 178.245– 1; 178.245–3; 178.245–4; 178.245–6; 178.245–7; 178.255–1; 178.255–2; 178.255–14; 178.255–15; 178.273; 178.274; 178.276; 178.277; 178.320; 178.337– 1; 178.337–2; 178.337–3; 178.337–4; 178.337–6; 178.337–16; 178.337–18; 178.338–1; 178.338–2; 178.338–3; 178.338–3; 178.338–4; 178.338–5; 178.338–6; 178.338–13; 178.338–16; 178.338–18; 178.338–19; 178.345–1; 178.345–2; 178.345–3; 178.345–4; 178.345–7; 178.345–14; 178.345–15; 178.346–1; 178.347–1; 178.348–1; 179.400–3; 180.407. |
| Pipeline Transportation Systems for Liquid Hydrocarbons and other Liquids, Chapters II, III, IV, V and VI, ASME B31.4–1998 Edition. | 173.5a. |
| American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428: Noncurrent ASTM Standards are available from: Engineering Societies Library, 354 East 47th Street, New York, NY 10017 | |
| ASTM A 20/A 20M–93a Standard Specification for General Requirements for Steel Plates for Pressure Vessels. | 178.337–2; 179.102–4; 179.102–1; 179.102–17. |
| ASTM A 47–68 Malleable Iron Castings | 179.200–15. |
| ASTM A 240/A 240M–99b Standard Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet and Strip for Pressure Vessels. | 178.57; 178.358–5; 179.100–7; 179.100–10; 179.102–1; 179.102–4; 179.102–17; 179.200–7; 179.201–5; 179.220–7; 179.300–7; 179.400–5. |
| ASTM A 242–81 Standard Specification for High-Strength Low-Alloy Structural Steel | 178.338–2. |
| ASTM A 262–93a Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels. | 179.100–7; 179.200–7; 179.201–4. |
| ASTM A 285–78 Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength | 179.300–7. |
| ASTM A 300–58 Steel Plates for Pressure Vessels for Service at Low Temperatures | 178.337–2. |

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| Source and name of material | 49 CFR reference |
|---|---|
| ASTM A 302/A 302M-93 Standard Specification for Pressure Vessel Plates, Alloy Steel, Manganese-Molybdenum and Manganese-Molybdenum Nickel. | 179.100-7; 179.200-7; 179.220-7. |
| ASTM A 333-67 Seamless and Welded Steel Pipe for Low-Temperature Service | 178.45. |
| ASTM A 370-94 Standard Test 179.102-1; 179.102-4; Methods and Definitions for Mechanical Testing of Steel Products. | 179.102-17. |
| ASTM A 441-81 Standard Specification for High-Strength Low-Alloy Structural Manganese Vanadium Steel. | 178.338-2. |
| ASTM A 514-81 Standard Specification for High-Yield Strength Quenched and Tempered Alloy Steel Plate, Suitable for Welding. | 178.338-2. |
| ASTM A 515/A 515M-03 Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service. | 179.300-7. |
| ASTM A 516/A 516M-90 Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate and Lower-Temperature Service. | 178.337-2; 179.100-7; 179.102-1; 179.102-2; 179.102-4; 179.102-7; 179.200-7; 179.220-7; 179.300-7. |
| ASTM A 537/A 537M-91 Standard Specification for Pressure Vessel Plates, Heat-Treated, Carbon-Manganese-Silicon Steel. | 179.100-7; 179.102-4; 179.102-17. |
| ASTM A 572-82 Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Steels of Structural Quality. | 178.338-2. |
| ASTM A 588-81 Standard Specification for High-Strength Low-Alloy Structural Steel with 50 Ksi Minimum Yield Point to 4 in. Thick. | 178.338-2. |
| ASTM A 606-75 Standard Specification for Steel Sheet and Strip Hot-Rolled and Cold-Rolled, High-Strength, Low-Alloy, with Improved Atmospheric Corrosion Resistance, 1975 (Re-approved 1981). | 178.338-2. |
| ASTM A 607-98 Standard Specification for Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled. | 178.338-2. |
| ASTM A 612-72a High Strength Steel Plates for Pressure Vessels for Moderate and Lower Temperature Service. | 178.337-2. |
| ASTM A 633-79a Standard Specification for Normalized High-Strength Low-Alloy Structural Steel, 1979 Edition. | 178.338-2. |
| ASTM A 715-81 Standard Specification for Steel Sheet and Strip, Hot-Rolled, High-Strength, Low-Alloy with Improved Formability, 1981. | 178.338-2. |
| ASTM A 1008/A 1008M-03 Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High Strength Low-Alloy with Improved Formability. | 178.338-2; 178.345-2 |
| ASTM A 1011/A 1011M-03a Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low Alloy and High Strength Low-Alloy with Improved Formability. | 178.338-2; 178.345-2 |
| ASTM B 162-93a Standard Specification for Nickel Plate, Sheet, and Strip | 173.249; 179.200-7. |
| ASTM B 209-93 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate | 179.100-7; 179.200-7; 179.220-7. |
| ASTM B 221-76 Aluminum Alloy Extruded Bars, Rods, Shapes, and Tubes | 178.46. |
| ASTM B 557-84 Tension Testing Wrought and Cast Aluminum and Magnesium-Alloy Products .. | 178.46. |
| ASTM B 580-79 Standard Specification for Anodic Oxide Coatings on Aluminum, (Re-approved 2000). | 173.316; 173.318; 178.338-17. |
| ASTM D 1238-90b Standard Test Method for Flow Rates of Thermoplastics for Extrusion Plastometer. | 173.225. |
| ASTM D 1709-01 Standard Text Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method. | 173.197. |
| ASTM D 1835-97 Standard Specification for Liquefied Petroleum (LP) Gases | 180.209. |
| ASTM D 1838-64 Copper Strip Corrosion by Liquefied Petroleum (LP) Gases | 173.315. |
| ASTM D 1922-00a Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method. | 173.197. |
| ASTM D 4206-96 Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus. | 173.120. |
| ASTM D 4359-90 Standard Test Method for Determining Whether a Material is a Liquid or a Solid. | 171.8. |
| ASTM E 8-99 Standard Test Methods for Tension Testing of Metallic Materials | 178.36; 178.37; 178.38; 178.39; 178.44; 178.45; 178.50; 178.51; 178.53; 178.55; 178.56; 178.57; 178.58; 178.59; 178.60; 178.61; 178.68. |
| ASTM E 23-98 Standard Test Methods for Notched Bar Impact Testing of Metallic Materials | 178.57. |

| Source and name of material | 49 CFR reference |
|---|---|
| ASTM E 112–88 Standard Test Methods for Determining Average Grain Size | 178.44. |
| ASTM E 112–96 Standard Test Methods for Determining Average Grain Size, 1996 Edition | 178.274; Part 178, appendix A. |
| ASTM E 114–95 Standard Practice for Ultrasonic Pulse-Echo Straight-Beam Examination by the Contact Method. | 178.45. |
| ASTM E 213–98 Standard Practice for Ultrasonic Examination of Metal Pipe and Tubing | 178.45. |
| <i>American Water Works Association</i> , 1010 Vermont Avenue, N.W., Suite 810, Washington, DC 20005: | |
| AWWA Standard C207–55, Steel Pipe Flanges, 1955 | 178.360–4. |
| <i>American Welding Society</i> , 550 N.W. Le Jeune Road, Miami, Florida 33126: | |
| AWS Code B 3.0; Standard Qualification Procedure; 1972 (FRB 3.0–41, rev. May 1973) | 178.356–2, 178.358–2. |
| AWS Code D 1.0; Code for Welding in Building Construction (FR D 1.0–66, 1966) | 178.356–2; 178.358–2. |
| <i>Association of American Railroads</i> , American Railroads Building, 50 F Street, NW., Washington, DC 20001: | |
| AAR Manual of Standards and Recommended Practices, Section C—Part III, Specifications for Tank Cars, Specification M–1002, (AAR Specifications for Tank Cars), December 2000. | 173.31; 174.63; 179.6; 179.7; 179.15; 179.16; 179.20; 179.22; 179.100–9; 179.100–10; 179.100–12; 179.100–13; 179.100–14; 179.100–18; 179.101–1; 179.102–1; 179.102–4; 179.102–17; 179.103–5; 179.200–7; 179.200–9; 179.200–10; 179.200–11; 179.200–13; 179.200–17; 179.200–22; 179.201–6; 179.220–6; 179.220–7; 179.220–10; 179.220–11; 179.220–14; 179.220–18; 179.220–26; 179.300–9; 179.300–10; 179.300–15; 179.300–17; 179.400–5; 179.400–6; 179.400–8; 179.400–11; 179.400–12; 179.400–15; 179.400–18; 179.400–20; 179.400–25; 180.509; 180.513; 180.515; 180.517. |
| AAR Manual of Standards and Recommended Practices, Section I, Specially Equipped Freight Car and Intermodal Equipment, 1988. | 174.55; 174.63. |
| AAR Specifications for Design, Fabrication and Construction of Freight Cars, Volume 1, 1988 | 179.16. |
| <i>Chlorine Institute, Inc.</i> , 1300 Wilson Boulevard, Arlington, VA 22209 | |
| Chlorine Institute Emergency Kit "A" for 100-lb. & 150 lb. Chlorine Cylinders (with the exception of repair method using Device 8 for side leaks), Edition 10, June 2003. | 173.3 |
| Chlorine Institute Emergency Kit "B" for Chlorine Ton Containers (with the exception of repair method using Device 9 for side leaks), Edition 9, June 2003. | 173.3 |
| Type 1½ JQ 225, Dwg., H51970, Revision D, April 5, 1989; or Type 1½ JQ 225, Dwg. H50155, Revision F, April 4, 1989. | 173.315. |
| Section 3, Pamphlet 57, Emergency Shut-Off Systems for Bulk Transfer of Chlorine, 3rd Edition, October 1997. | 177.840. |
| Standard Chlorine Angle Valve Assembly, Dwg. 104–8, July 1993 | 178.337–9. |
| Excess Flow Valve with Removable Seat, Dwg. 101–7, July 1993 | 178.337–8. |

Pipeline and Hazardous Materials Safety Admin., DOT

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| Source and name of material | 49 CFR reference |
|---|--|
| Excess Flow Valve with Removable Basket, Dwg. 106-6, July 1993 | 178.337-8. |
| Standards for Housing and Manway Covers for Steel Cargo Tanks, Dwgs. 137-1 and 137-2, September 1, 1982. | 178.337-10. |
| Canadian General Standards Board, Place du Portage III, 6B1 11 | 171.12 |
| Laurier Street, Gatineau, Quebec, Canada K1A 1G6 National Standard of Canada (CAN/CGSB 43.147-2005) Construction, Modification, Qualification, Maintenance, and Selection and Use of Means of Containment for the Handling, Offering for Transport, or Transportation of Dangerous Goods by Rail. | |
| <i>Compressed Gas Association, Inc.</i> , 4221 Walney Road, 5th Floor, Chantilly, Virginia 20151: CGA Pamphlet C-3, Standards for Welding on Thin-Walled Steel Cylinders, 1994 | 178.47; 178.50; 178.51; 178.53; 178.55; 178.56; 178.57; 178.58; 178.59; 178.60; 178.61; 178.65; 178.68; 180.211. |
| CGA Pamphlet C-5, Cylinder Service Life—Seamless Steel High Pressure Cylinders, 1991 | 173.302a. |
| CGA Pamphlet C-6, Standards for Visual Inspection of Steel Compressed Gas Cylinders, 1993 | 173.3, 173.198, 180.205, 180.209, 180.211, 180.411, 180.519. |
| CGA Pamphlet C-6.1, Standards for Visual Inspection of High Pressure Aluminum Compressed Gas Cylinders, 2002, Fourth Edition. | 180.205; 180.209 |
| CGA Pamphlet C-6.2, Guidelines for Visual Inspection and Requalification of Fiber Reinforced High Pressure Cylinders, 1996, Third Edition. | 180.205. |
| CGA Pamphlet C-6.3, Guidelines for Visual Inspection and Requalification of Low Pressure Aluminum Compressed Gas Cylinders, 1991. | 180.205; 180.209. |
| CGA Pamphlet C-7, A Guide for the Preparation of Precautionary Markings for Compressed Gas Containers, appendix A, issued 1992 (6th Edition). | 172.400a. |
| CGA Pamphlet C-8, Standard for Requalification of DOT-3HT Cylinder Design, 1985 | 180.205; 180.209. |
| CGA Pamphlet C-11, Recommended Practices for Inspection of Compressed Gas Cylinders at Time of Manufacture, 2001, Third Edition. | 178.35. |
| CGA Pamphlet C-12, Qualification Procedure for Acetylene Cylinder Design, 1994 | 173.301; 173.303; 178.59; 178.60. |
| CGA Pamphlet C-13, Guidelines for Periodic Visual Inspection and Requalification of Acetylene Cylinders, 2000, Fourth Edition. | 173.303; 180.205; 180.209. |
| CGA Pamphlet C-14, Procedures for Fire Testing of DOT Cylinder Pressure Relief Device Systems, 1979. | 173.301; 173.323. |
| CGA Pamphlet G-2.2 Tentative Standard Method for Determining Minimum of 0.2% Water in Anhydrous Ammonia, 1985. | 173.315. |
| CGA Pamphlet G-4.1, Cleaning Equipment for Oxygen Service, 1985 | 178.338-15. |
| CGA Pamphlet P-20, Standard for the Classification of Toxic Gas Mixtures, 1995 | 173.115. |
| CGA Pamphlet S-1.1, Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases, 2001 (with the exception of paragraph 9.1.1.1), Ninth Edition. | 173.301; 173.304a. |
| CGA Pamphlet S-1.1, Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases, 2003 (with the exception of paragraph 9.1.1.1), Eleventh Edition. | 173.301, 178.75. |
| CGA Pamphlet S-1.2, Safety Relief Device Standards Part 2—Cargo and Portable Tanks for Compressed Gases, 1980. | 173.315; 173.318; 178.276; 178.277. |
| CGA Pamphlet S-7, Method for Selecting Pressure Relief Devices for Compressed Gas Mixtures in Cylinders, 1996. | 173.301. |
| CGA Technical Bulletin TB-2, Guidelines for Inspection and Repair of MC-330 and MC-331 Cargo Tanks, 1980. | 180.407; 180.413. |
| <i>Department of Defense (DOD)</i> , 2461 Eisenhower Avenue, Alexandria, VA 22331: DOD TB 700-2; NAVSEAINST 8020.8B; AFTO 11A-1-47; DLAR 8220.1: Explosives Hazard Classification Procedures, January 1998. | 173.56. |
| Packaging of Hazardous Material, DLAD 4145.41/ AR 700-143/AFJI 24-210/NAVSUPINST 4030.55B/MCO 4030.40B, January 14, 2000. | 173.7 |
| <i>Department of Energy (USDOE)</i> , 100 Independence Avenue SW., Washington, DC 20545: USDOE publications available from: Superintendent of Documents, Government Printing Office (GPO) or The National Technical Information Service (NTIS). USDOE, CAPE-1662, Revision 1, and Supplement 1, Civilian Application Program Engineering Drawings, April 6, 1988. | 178.356-1; 178.356-2; 178.358-1; 178.358-2; 178.358-3; 178.358-4. |
| USDOE, Material and Equipment Specification No. SP-9, Rev. 1, and Supplement—Fire Resistant Phenolic Foam, March 28, 1968. | 178.356-2; 178.358-2. |
| USDOE, KSS-471, November 30, 1986—Proposal for Modifications to U.S. Department of Transportation Specification 21PF-1, Fire and Shock Resistant Phenolic Foam—Insulated Metal Overpack. | 178.358-1; 178.358-3. |
| <i>General Services Administration</i> , Specification Office, Room 6662, 7th and D Street, S.W., Washington, DC 20407: | |

| Source and name of material | 49 CFR reference |
|---|--|
| Federal Specification RR-C–901D, Cylinders, Compressed Gas: Seamless Shatterproof, High Pressure DOT 3AA Steel, and 3AL Aluminum, February 21, 2003 (Superseding RR-C–901C, 1981). | 173.302; 173.336; 173.337. |
| <i>Institute of Makers of Explosives</i> , 1120 19th Street NW., Suite 310, Washington, DC 20036–3605: IME Safety Library Publication No. 22 (IME Standard 22), Recommendation for the Safe Transportation of Detonators in a Vehicle with Certain Other Explosive Materials, May 1993. | 173.63; 177.835. |
| <i>International Atomic Energy Agency (IAEA)</i> , P.O. Box 100, Wagramer Strasse 5, A–1400 Vienna, Austria: Also available from: Bernan Associates, 4611–F Assembly Drive, Lanham, MD 20706–4391, USA; or Renouf Publishing Company, Ltd., 812 Proctor Avenue, Ogdensburg, New York 13669, USA. | |
| IAEA, Regulations for the Safe Transport of Radioactive Material, (IAEA Regulations), 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised). | 171.22; 171.23; 171.26, 173.415, 173.416, 173.417, 173.473 |
| <i>International Civil Aviation Organization (ICAO)</i> , P.O. Box 400, Place de l'Aviation Internationale, 1000 Sherbrooke Street West, Montreal, Quebec, Canada H3A 2R2: | |
| ICAO Technical Instructions available from: INTEREG, International Regulations, Publishing and Distribution Organization, P.O. Box 60105, Chicago, IL 60660. | |
| Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO Technical Instructions), 2007–2008 Edition. | 171.8; 171.22; 171.23; 171.24; 175.33; 172.202; 172.401; 172.512; 172.602; 173.320; 175.33; 178.3. |
| <i>International Maritime Organization (IMO)</i> , 4 Albert Embankment, London, SE17SR, United Kingdom or New York Nautical Instrument & Service Corporation, 140 West Broadway, New York, NY 10013: International Convention for the Safety of Life at Sea, (SOLAS) Amendments 2000, Chapter II–2/Regulation 19, 2001. | 176.63; 176.84. |
| International Maritime Dangerous Goods Code (IMDG Code), 2006 Edition, Incorporating Amendment 33–06 (English Edition), Volumes 1 and 2. | 171.22; 171.23; 171.25; 172.202; 172.401; 172.502; 172.602; 173.21; 176.2; 176.5; 176.11; 176.27; 176.30; 178.3; 178.274. |
| <i>International Organization for Standardization</i> , Case Postale 56, CH–1211, Geneve 20, Switzerland; Also available from: ANSI 25 West 43rd Street, New York, NY 10036 | |
| ISO 535–1991(E) Paper and board—Determination of water absorptiveness—Cobb method | 178.516; 178.707; 178.708. |
| ISO 1496–1: 1990 (E)—Series 1 freight containers—Specification and testing, Part 1: General cargo containers. Fifth Edition, (August 15, 1990). | 173.411 |
| ISO 1496–3—Series 1 freight containers—Specification and testing—Part 3: Tank containers for liquids, gases and pressurized dry bulk, Fourth edition, March 1995, (E). | 178.74; 178.75; 178.274. |
| ISO 2431–1984(E) Standard Cup Method | 173.121. |
| ISO 2592–1973(E) Petroleum products—Determination of flash and fire points—Cleveland open cup method. | 173.120. |
| ISO 2919–1980(E) Sealed radioactive sources—Classification | 173.469. |
| ISO 3036–1975(E) Board—Determination of puncture resistance | 178.708. |
| ISO 3574–1986(E) Cold-reduced carbon steel sheet of commercial and drawing qualities | 178.503; Part 178, appendix C. |
| ISO 3807–2, Cylinders for acetylene—Basic requirements—Part 2: Cylinders with fusible plugs, First edition, March 2000, (E). | 173.303; 178.71. |
| ISO 4126–1 Safety valves—Part 1: General Requirements, December 15, 1991, First Edition | 178.274. |
| ISO 6406, Gas cylinders—Seamless steel gas cylinders—Periodic inspection and testing, Second edition, February 2005, (E). | 180.207. |
| ISO 6892 Metallic materials—Tensile testing, July 15, 1984, First Edition | 178.274. |
| ISO 7225, Gas cylinders—Precautionary labels, First edition, November 1994, (Corrected and reprinted August 1995), (E). | 178.71. |
| ISO 7866, Gas cylinders—Refillable seamless aluminum alloy gas cylinders—Design, construction and testing, First edition, June 1999, (E). | 178.71. |
| ISO 8115 Cotton bales—Dimensions and density, 1986 Edition | 172.102. |
| ISO 9809–1: Gas cylinders—Refillable seamless steel gas cylinders—Design, construction and testing—Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa., First edition, June 1999, (E). | 178.71; 178.75. |
| ISO 9809–2: Gas cylinders—Refillable seamless steel gas cylinders—Design, construction and testing—Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa., First edition, June 2000, (E). | 178.71; 178.75. |
| ISO 9809–3: Gas cylinders—Refillable seamless steel gas cylinders—Design, construction and testing—Part 3: Normalized steel cylinders, First edition, December 2000, (E). | 178.71; 178.75. |
| ISO 9978:1992(E)—Radiation protection—Sealed radioactive sources—Leakage test methods. First Edition, (February 15, 1992). | 173.469. |
| ISO 10297, Gas cylinders—Refillable gas cylinder valves—Specification and type testing, First edition, May 1999, (E). | 173.301b, 178.71. |

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| Source and name of material | 49 CFR reference |
|---|--|
| ISO 10461, Gas cylinders—Seamless aluminum—alloy gas cylinders—Periodic inspection and testing, Second edition, February 2005, (E). | 180.207. |
| ISO 10462, Gas cylinders—Transportable cylinders for dissolved acetylene—Periodic inspection and maintenance, Second edition, February 2005, (E). | 180.207. |
| ISO 11114-1, Transportable gas cylinders—Compatibility of cylinder and valve materials with gas contents—Part 1: Metallic materials, First edition, October 1997, (E). | 173.301b; 178.71. |
| ISO 11114-2, Transportable gas cylinders—Compatibility of cylinder and valve materials with gas contents—Part 2: Non-metallic materials, First edition, December 2000, (E). | 173.301b; 178.71. |
| ISO 11117, Gas cylinders—Valve protection caps and valve guards for industrial and medical gas cylinders—Design, construction and tests, First edition, August 1998, (E). | 173.301b. |
| ISO 11118, Gas cylinders—Non-refillable metallic gas cylinders—Specification and test methods, First edition, October 1999, (E). | 178.71. |
| ISO 11119-1, Gas cylinders—Gas cylinders of composite construction—Specification and test methods—Part 1: Hoop-wrapped composite gas cylinders, First edition, May 2002, (E). | 178.71. |
| ISO 11119-2, Gas cylinders—Gas cylinders of composite construction—Specification and test methods—Part 2: Fully wrapped fibre reinforced composite gas cylinders with load-sharing metal liners, First edition, May 2002, (E). | 178.71. |
| ISO 11119-3, Gas cylinders of composite construction—Specification and test methods—Part 3: Fully wrapped fibre reinforced composite gas cylinders with non-load-sharing metallic or non-metallic liners, First edition, September 2002, (E). | 178.71. |
| ISO 11120, Gas cylinders—Refillable seamless steel tubes of water capacity between 150 L and 3000 L—Design, construction and testing, First edition, March 1999, (E). | 178.71; 178.75. |
| ISO 11621, Gas cylinders—Procedures for change of gas service, First edition, April 1997, (E) .. | 173.302, 173.336, 173.337. |
| ISO 11623, Transportable gas cylinders—Periodic inspection and testing of composite gas cylinders, First edition, March 2002, (E). | 180.207. |
| National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Avenue, Columbus, Ohio 43229: National Board Inspection Code, A Manual for Boiler and Pressure Vessel Inspectors, NB-23, 1992 Edition. | 180.413. |
| National Fire Protection Association, Batterymarch Park, Quincy, MA 02269: NFPA 58-Liquefied Petroleum Gas Code, 2001 Edition | 173.315. |
| National Institute of Standards and Technology, Department of Commerce, 5285 Port Royal Road, Springfield, VA 22151: USDC, NBS Handbook H-28 (1957), 1957 Handbook of Screw-Thread Standards for Federal Services, December 1966 Edition. | 179.2; 178.45; 178.46. |
| Organization for Economic Cooperation and Development (OECD), OECD Publications and Information Center, 2001 L Street, N.W., Suite 700, Washington, DC 20036: OECD Guideline for Testing of Chemicals, No. 404 "Acute Dermal Irritation/Corrosion," 1992 | 173.137. |
| Transport Canada, TDG Canadian Government Publishing Center, Supply and Services, Canada, Ottawa, Ontario, Canada K1A 0S9: Transportation of Dangerous Goods Regulations (Transport Canada TDG Regulations), August 2001 including Clear Language Amendments SOR/2001-286, Amendment 1 (SOR/2002-306) August 8, 2002; Amendment 2 (SOR/2003-273) July 24, 2003; Amendment 3 (SOR/2003-400) December 3, 2003; Amendment 4 (SOR/2005-216) July 13, 2005; and Amendment 5 (SOR/2005-279) September 21, 2005. | 171.12; 171.22; 171.23; 172.401; 172.502; 172.519; 172.602; 173.31; 173.32; 173.33 |
| Truck Trailer Manufacturers Association, 1020 Princess Street, Alexandria, Virginia 22314: TTMA RP No. 61-98, Performance of manhole and/or Fill Opening Assemblies on MC 306, DOT 406, Non-ASME MC 312 and Non-ASME DOT 412 Cargo Tanks, June 1, 1998. | 180.405. |
| TTMA RP No. 81-97, Performance of Spring Loaded Pressure Relief Valves on MC 306, MC 307, MC 312, DOT 406, DOT 407, and DOT 412 Tanks, July 1, 1997 Edition. | 178.345-10; 178.346-3. |
| TTMA TB No. 107, Procedure for Testing In-Service Unmarked and/or Uncertified MC 306 and Non-ASME MC 312 Type Cargo Tank Manhole Covers, June 1, 1998 Edition. | 180.405. |
| United Nations, United Nations Sales Section, New York, NY 10017: UN Recommendations on the Transport of Dangerous Goods, Fourteenth revised edition (2005), Volumes I and II. | 171.8; 171.12; 172.202; 172.401; 172.502; 173.22; 173.24; 173.24b; 173.40; 173.56; 173.192; 173.197; 173.302b; 173.304b; 178.75; 178.274; 178.801. |
| UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, Fourth revised edition, (2003), and Addendum 2, (2004). | 172.102; 173.21; 173.56; 173.57; 173.58; 173.115; 173.124; 173.125; 173.127; 173.128; 173.137; 173.185; Part 173, appendix H; 178.274. |
| United States Enrichment Corporation, Inc. (USEC): USEC Inc., 6903 Rockledge Drive, Bethesda, MD 20817. USEC-651—Good Handling Practices for Uranium Hexafluoride, Revision 8, January 1999 | 173.417 |

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49 CFR Ch. I (10–1–07 Edition)

(b) *List of informational materials not requiring incorporation by reference.* The materials listed in this paragraph do not require approval for incorporation by reference and are included for informational purposes. These materials may be used as noted in those sections in which the material is referenced.

| Source and name of material | 49 CFR reference |
|--|--|
| <i>American Biological Safety Association</i> 1202 Allanson Road, Mundelein, IL 60060 Risk Group Classification for Infectious Agents, 1998 | 173.134 |
| <i>American Institute of Chemical Engineers (AIChE)</i> , 3 Park Avenue New York, NY 10016–5991 Process Safety Progress Journal, Vol. 21, No. 2. Example of a Test Method for Venting Sizing: OPPSD/SPI Methodology | Note to § 173.225(h)(3)(vi). |
| <i>American Society for Testing and Materials</i> , 100 Barr Harbor Drive, West Conshohocken, PA 19428: Noncurrent ASTM Standards are available from: Engineering Societies Library, 354 East 47th Street, New York, NY 10017 ASTM E 380–89 Standards for Metric Practice | 171.10 |
| <i>Association of American Railroads</i> , American Railroads Building, 50 F Street, NW., Washington, DC 20001 AAR Catalog Nos. SE60CHT; SE60CC; SE60CHTE; SE60CE; SE60DC; SE60DE | 179.14 |
| AAR Catalog Nos. SE67CC; SE67CE; SE67BHT; SE67BC; SE67BHTE; SE67BE | 179.14 |
| AAR Catalog Nos. SE68BHT; SE68BC; SE68BHTE; SE68BE | 179.14 |
| AAR Catalog Nos. SE69AHTE; SE69AE | 179.14 |
| AAR Catalog Nos. SF70CHT; SF70CC; SF70CHTE; SF70CE | 179.14 |
| AAR Catalog Nos. SF73AC; SF73AE; SF73AHT; SF73AHTE | 179.14 |
| AAR Catalog Nos. SF79CHT; SF79CC; SF79CHTE; SF79CE | 179.14 |
| <i>Bureau of Explosives</i> , Hazardous Materials Systems (BOE), Association of American Railroads, American Railroads Building, 50 F Street, NW., Washington, DC 20001 Fetterley's Formula (The Determination of the Relief Dimensions for Safety Valves on Containers in which Liquefied gas is charged and when the exterior surface of the container is exposed to a temperature of 1,200 °F.) | 173.315 |
| Pamphlet 6, Illustrating Methods for Loading and Bracing Carload and Less-Than-Carload Shipments of Explosives and Other Dangerous Articles, 1962. | 174.55; 174.101; 174.112; 174.115; 174.290 |
| Pamphlet 6A (includes appendix No. 1, October 1944 and appendix 2, December 1945), Illustrating Methods for Loading and Bracing Carload and Less-Than-Carload Shipments of Loaded Projectiles, Loaded Bombs, etc., 1943. | 174.101; 174.290 |
| Pamphlet 6C, Illustrating Methods for Loading and Bracing Trailers and Less-Than-Trailer Shipments of Explosives and Other Dangerous Articles Via Trailer-on-Flatcar (TOFC) or Container-on-Flatcar (COFC), 1985. | 174.55; 174.63; 174.101; 174.112; 174.115 |
| Emergency Handling of Hazardous Materials in Surface Transportation, 1989 | 171.7 |
| <i>Centers for Disease Control and Prevention</i> 1600 Clifton Road, Atlanta, GA 30333 Biosafety in Microbiological and Biomedical Laboratories, Fourth Edition, April 1999 | 173.134 |
| <i>National Institutes of Health</i> Bethesda, MD 20892 NIH Guidelines for Research Involving Recombinant DNA Molecules (NIH Guidelines), January 2001, Appendix B. | 173.134 |
| <i>Pantone Incorporated</i> 590 Commerce Boulevard, Carlstadt, New Jersey 07072–3098 Pantone® Formula guide coated/uncoated, Second Edition 2004 | 172.407, 172.519 |
| <i>Society of Plastics Industries, Inc.</i> , Organic Peroxide Producers Safety Division, 1275 K Street, NW., Suite 400, Washington, DC 20005 Self Accelerating Decomposition Temperature Test, 1972 | 173.21 |

[Amdt. 171–111, 55 FR 52466, Dec. 21, 1990; 71 FR 78611, Dec. 29, 2006]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 171.7, see the List of CFR Sections Affected which appears in the Finding Aids section of the printed volume and on GPO Access.

EDITORIAL NOTE: At 68 FR 19273, Apr. 18, 2003, § 171.7(a)(3) was amended by removing the entry for “TTMA TB No. 81” under “Truck Trailer Manufacturers Association”. The amendment could not be incorporated because that entry does not exist.

§ 171.8 Definitions and abbreviations.

In this subchapter,

Administrator means the Administrator, Pipeline and Hazardous Materials Safety Administration.