

following criteria apply to classifications under this section.

(1) A “class location unit” is an onshore area that extends 220 yards (200 meters) on either side of the centerline of any continuous 1-mile (1.6 kilometers) length of pipeline.

(2) Each separate dwelling unit in a multiple dwelling unit building is counted as a separate building intended for human occupancy.

(b) Except as provided in paragraph (c) of this section, pipeline locations are classified as follows:

(1) A Class 1 location is:

(i) An offshore area; or

(ii) Any class location unit that has 10 or fewer buildings intended for human occupancy.

(2) A Class 2 location is any class location unit that has more than 10 but fewer than 46 buildings intended for human occupancy.

(3) A Class 3 location is:

(i) Any class location unit that has 46 or more buildings intended for human occupancy; or

(ii) An area where the pipeline lies within 100 yards (91 meters) of either a building or a small, well-defined outside area (such as a playground, recreation area, outdoor theater, or other place of public assembly) that is occupied by 20 or more persons on at least 5 days a week for 10 weeks in any 12-month period. (The days and weeks need not be consecutive.)

(4) A Class 4 location is any class location unit where buildings with four or more stories above ground are prevalent.

(c) The length of Class locations 2, 3, and 4 may be adjusted as follows:

(1) A Class 4 location ends 220 yards (200 meters) from the nearest building with four or more stories above ground.

(2) When a cluster of buildings intended for human occupancy requires a Class 2 or 3 location, the class location ends 220 yards (200 meters) from the nearest building in the cluster.

[Amdt. 192-78, 61 FR 28783, June 6, 1996; 61 FR 35139, July 5, 1996, as amended by Amdt. 192-85, 63 FR 37502, July 13, 1998]

§ 192.7 Incorporation by reference.

(a) Any documents or portions thereof incorporated by reference in this part are included in this part as though

set out in full. When only a portion of a document is referenced, the remainder is not incorporated in this part.

(b) All incorporated materials are available for inspection in the Research and Special Programs Administration, 400 Seventh Street, SW., Washington, DC, or at 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. These materials have 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. In addition, the incorporated materials are available from the respective organizations listed in paragraph (c) (1) of this section.

(c) The full titles of documents incorporated by reference, in whole or in part, are provided herein. The numbers in parentheses indicate applicable editions. For each incorporated document, citations of all affected sections are provided. Earlier editions of currently listed documents or editions of documents listed in previous editions of 49 CFR Part 192 may be used for materials and components designed, manufactured, or installed in accordance with these earlier documents at the time they were listed. The user must refer to the appropriate previous edition of 49 CFR Part 192 for a listing of the earlier listed editions or documents.

(1) Incorporated by reference (ibr). List of Organizations and Addresses.

(i) American Gas Association (AGA), 400 North Capitol Street, NW, Washington, DC 20001.

(ii) American Petroleum Institute (API), 1220 L Street, NW, Washington, DC 20005.

(iii) American Society for Testing and Materials (ASTM), 100 Barr Harbor Drive, West Conshohocken, PA 19428.

(iv) ASME International (ASME), Three Park Avenue, New York, NY 10016-5990.

(v) Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS), 127 Park Street, NE, Vienna, VA 22180.

§ 192.7

49 CFR Ch. I (10–1–04 Edition)

(vi) National Fire Protection Association (NFPA), 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101.

(vii) Plastics Pipe Institute, Inc. (PPI), 1825 Connecticut Avenue, NW, Suite 680, Washington, DC 20009.

(viii) NACE International (NACE), 1440 South Creek Drive, Houston, TX 77084.

(ix) Gas Technology Institute (GTI), 1700 South Mount Prospect Road, Des Plaines, IL 60018.

(2) Documents incorporated by reference (Numbers in Parentheses Indicate Applicable Editions).

| Source and name of referenced material | 49 CFR reference |
|--|--|
| A. American Gas Association (AGA): | |
| (1) AGA Pipeline Research Committee, Project PR-3-805, "A Modified Criterion for Evaluating the Remaining Strength of Corroded Pipe" (AGA PR-3-805-1989). | §§ 192.933(a); 192.485(c). |
| B. American Petroleum Institute (API): | |
| (1) API Specification 5L "Specification for Line Pipe" (API 5L, 42nd edition, 2000). | §§ 192.55(e); 192.113; Item I of Appendix B to part 192. |
| (2) API Recommended Practice 5L1 "Recommended Practice for Railroad Transportation of Line Pipe" (4th edition, 1990). | § 192.65(a). |
| (3) API Specification 6D "Specification for Pipeline Valves (Gate, Plug, Ball, and Check Valves)" (21st edition, 1994). | § 192.145(a). |
| (4) API 1104 "Welding of Pipelines and Related Facilities" (19th edition, 1999, including its October 31, 2001 errata). | §§ 192.227(a); 192.229(c)(1); 192.241(c); Item II, Appendix B to part 192. |
| C. American Society for Testing and Materials (ASTM): | |
| (1) ASTM Designation: A 53/A53M-99b "Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless" (ASTM A53/A53M-99b). | §§ 192.113; Item I, Appendix B to part 192. |
| (2) ASTM Designation: A106 "Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service" (A106-99). | §§ 192.113; Item I, Appendix B to part 192. |
| (3) ASTM Designation: A333/A333M "Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service" (ASTM A333/A333M-99). | §§ 192.113; Item I, Appendix B to part 192. |
| (4) ASTM Designation: A372/A372M "Standard Specification for Carbon and Alloy Steel Forgings for Thin-Walled Pressure Vessels" (ASTM A372/A372M-1999). | § 192.177(b)(1). |
| (5) ASTM Designation: A381 "Standard Specification for Metal-Arc-Welded Steel Pipe for Use With High-Pressure Transmission Systems" (ASTM A381-1996). | §§ 192.113; Item I, Appendix B to part 192. |
| (6) ASTM Designation: A671 "Standard Specification for Electric-Fusion-Welded Steel Pipe for Atmospheric and Lower Temperatures" (ASTM A671-1996). | §§ 192.113; Item I, Appendix B to part 192. |
| (7) ASTM Designation: A672 "Standard Specification for Electric-Fusion-Welded Steel Pipe for High-Pressure Service at Moderate Temperatures" (A672-1996). | §§ 192.113; Item I, Appendix B to part 192. |
| (8) ASTM Designation: A691 "Standard Specification for Carbon and Alloy Steel Pipe, Electric-Fusion-Welded for High-Pressure Service at High Temperatures" (ASTM A691-1998). | §§ 192.113; Item I, Appendix B to part 192. |
| (9) ASTM Designation: D638 "Standard Test Method for Tensile Properties of Plastics" (ASTM D638-1999). | §§ 192.283(a)(3); 192.283(b)(1). |
| (10) ASTM Designation: D2513-87 "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings" (ASTM D2513-1987). | § 192.63(a)(1). |
| (11) ASTM Designation: D2513 "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings. (D2513-1999). | §§ 192.191(b); 192.281(b)(2); 192.283(a)(1)(i); Item I, Appendix B to part 192. |
| (12) ASTM Designation: D 2517 "Standard Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings" (D2517-2000). | §§ 192.191(a); 192.281(d)(1); 192.283(a)(1)(ii); Item I, Appendix B to part 192. |
| (13) ASTM Designation: F1055 "Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene Pipe and Tubing" (F1055-1998).. | § 192.283(a)(1)(iii). |
| D. ASME International (ASME): | |
| (1) ASME/ANSI B16.1 "Cast Iron Pipe Flanges and Flanged Fittings" (ASME B16.1-1998). | § 192.147(c). |
| (2) ASME/ANSI B16.5 "Pipe Flanges and Flanged Fittings" (ASME B16.5-1996, including ASME B16.5a-1998 Addenda). | §§ 192.147(a); 192.279. |
| (3) ASME/ANSI B31G "Manual for Determining the Remaining Strength of Corroded Pipelines" (ASME/ANSI B31G-1991). | §§ 192.485(c); 192.933(a). |
| (4) ASME/ANSI B31.8 "Gas Transmission and Distribution Piping Systems" (ASME/ANSI B31.8-1995). | § 192.619(a)(1)(i). |

Research and Special Programs Administration, DOT

§ 192.9

| Source and name of referenced material | 49 CFR reference |
|--|---|
| (5) ASME/ANSI B31.8S "Supplement to B31.8 on Managing System Integrity of Gas Pipelines" (ASME/ANSI B31.8S-2002). | §§ 192.903(c); 192.907(b); 192.911, Introductory text; 192.911(i); 192.911(k); 192.911(l); 192.911(m); 192.913(a) Introductory text; 192.913(b)(1); 192.917(a) Introductory text; 192.917(b); 192.917(c); 192.917(e)(1); 192.917(e)(4); 192.921(a)(1); 192.923(b)(2); 192.923(b)(3); 192.925(b) Introductory text; 192.925(b)(1); 192.925(b)(2); 192.925(b)(3); 192.925(b)(4); 192.927(b); 192.927(c)(1)(i); 192.929(b)(1); 192.929(b)(2); 192.933(a); 192.933(d)(1); 192.933(d)(1)(i); 192.935(a); 192.935(b)(1)(iv); 192.937(c)(1); 192.939(a)(1)(i); 192.939(a)(1)(ii); 192.939(a)(3); 192.945(a). |
| (6) ASME Boiler and Pressure Vessel Code, Section I, Rules for Construction of Power Boilers (ASME Section I-1998). | §§ 192.153(a). |
| (7) ASME Boiler and Pressure Vessel Code, Section VIII, Division 1, "Rules for Construction of Pressure Vessels" (ASME Section VIII Division 1-2001). | §§ 192.153(a); 192.153(b); 192.153(d); 192.165(b)(3). |
| (8) ASME Boiler and Pressure Vessel Code, Section VIII, Division 2, "Rules for Construction of Pressure Vessels: Alternative Rules" (ASME Section VIII Division 2-2001). | §§ 192.153(b); 192.165(b)(3). |
| (9) ASME Boiler and Pressure Vessel Code, Section IX, "Welding and Brazing Qualifications" (ASME Section IX-2001). | §§ 192.227(a); Item II, Appendix B to part 192. |
| E. Manufacturers Standardization Society of the Valve and Fittings Industry, Inc. (MSS): | |
| (1) MSS SP44-96 "Steel Pipe Line Flanges" (MSS SP-44-1996 including 1996 errata). | § 192.147(a). |
| (2) [Reserved]. | |
| F. National Fire Protection Association (NFPA): | |
| (1) NFPA 30 "Flammable and Combustible Liquids Code" (NFPA 30-1996) | § 192.735(b). |
| (2) ANSI/NFPA 58 "Liquefied Petroleum Gas Code (LP-Gas Code)" (NFPA 58-1998). | § 192.11(a); 192.11(b); 192.11(c). |
| (3) ANSI/NFPA 59 "Standard for the storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants" (NFPA 59-1998). | § 192.11(a); 192.11(b); 192.11(c). |
| (4) ANSI/NFPA 70 "National Electrical Code" (NFPA 70-1996) | §§ 192.163(e); 192.189(c). |
| G. Plastics Pipe Institute, Inc. (PPI): | |
| (1) PPI TR-3/2000 "Policies and Procedures for Developing Hydrostatic Design Bases (HDB), Pressure Design Bases (PDB), and Minimum Required Strength (MRS) Ratings for Thermoplastic Piping Materials "(PPI TR-3-2000-Part E only, "Policy for Determining Long Term Strength (LTHS) by Temperature Interpolation)". | §§ 192.121. |
| H. NACE International (NACE): | |
| (1) NACE Standard RP-0502-2002 "Pipeline External Corrosion Direct Assessment Methodology" (NACE RP-0502-2002). | §§ 192.923(b)(1); 192.925(b) Introductory text; 192.925(b)(1); 192.925(b)(1)(ii); 192.925(b)(2) Introductory text; 192.925(b)(3) Introductory text; 192.925(b)(3)(ii); 192.925(b)(iv); 192.925(b)(4) Introductory text; 192.925(b)(4)(ii); 192.931(d); 192.935(b)(1)(iv); 192.939(a)(2). |
| I. Gas Technology Institute (GTI). (Formerly Gas Research Institute): | |
| (1) GRI 02/0057 "Internal Corrosion Direct Assessment of Gas Transmission Pipelines—Methodology" (GRI 02/0057-2002). | § 192.927(c)(2); 192.7. |

[35 FR 13257, Aug. 19, 1970, as amended by Amdt. 192-37, 46 FR 10159, Feb. 2, 1981; Amdt 192-51, 51 FR 15334, Apr. 23, 1986; 58 FR 14521, Mar. 18, 1993; Amdt. 192-78, 61 FR 28783, June 6, 1996; 69 FR 18803, Apr. 9, 2004; Amdt. 192-94, 69 FR 32892, June 14, 2004; Amdt. 192-94, 69 FR 54592, Sept. 9, 2004]

§ 192.9 Gathering lines.

Except as provided in §§192.1 and 192.150, and in subpart O, each operator of a gathering line must comply with the requirements of this part applicable to transmission lines.

[Amdt. 192-95, 69 FR 18231, Apr. 6, 2004]