



First Revision No. 2-NFPA 59-2021 [Sections 2.1, 2.2, 2.3]

2.1 General.

The documents or portions thereof listed in this chapter are referenced within this code and shall be considered part of the requirements of this document.

2.2 NFPA Publications.

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

NFPA 10, *Standard for Portable Fire Extinguishers*, ~~2018~~ 2022 edition.

NFPA 11, *Standard for Low-, Medium-, and High-Expansion Foam*, ~~2016~~ 2021 edition.

NFPA 12, *Standard on Carbon Dioxide Extinguishing Systems*, ~~2018~~ 2022 edition.

NFPA 12A, *Standard on Halon 1301 Fire Extinguishing Systems*, ~~2018~~ 2022 edition.

NFPA 13, *Standard for the Installation of Sprinkler Systems*, ~~2019~~ 2022 edition.

NFPA 14, *Standard for the Installation of Standpipe and Hose Systems*, ~~2019~~ 2023 edition.

NFPA 15, *Standard for Water Spray Fixed Systems for Fire Protection*, ~~2017~~ 2022 edition.

NFPA 17, *Standard for Dry Chemical Extinguishing Systems*, ~~2021~~ 2024 edition.

NFPA 20, *Standard for the Installation of Stationary Pumps for Fire Protection*, ~~2019~~ 2022 edition.

NFPA 22, *Standard for Water Tanks for Private Fire Protection*, ~~2018~~ 2023 edition.

NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, ~~2019~~ 2022 edition.

NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*, ~~2020~~ 2023 edition.

NFPA 30, *Flammable and Combustible Liquids Code*, ~~2021~~ 2024 edition.

NFPA 51B, *Standard for Fire Prevention During Welding, Cutting, and Other Hot Work*, ~~2019~~ 2024 edition.

NFPA 54, *National Fuel Gas Code*, ~~2021~~ 2024 edition.

NFPA 58, *Liquefied Petroleum Gas Code*, ~~2020~~ 2023 edition.

NFPA 70[®], *National Electrical Code*[®], ~~2020~~ 2023 edition.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], ~~2019~~ 2022 edition.

NFPA 101[®], *Life Safety Code*[®], ~~2021~~ 2024 edition.

NFPA 290, *Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers*, ~~2018~~ 2023 edition.

NFPA 780, *Standard for the Installation of Lightning Protection Systems*, ~~2020~~ 2023 edition.

NFPA 1961, *Standard on Fire Hose*, 2020 edition.

NFPA 1962, *Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances*, 2018 edition.

NFPA 1963, *Standard for Fire Hose Connections*, 2019 edition.

NFPA 1971, *Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*, 2018 edition.

NFPA 1981, *Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services*, 2019 edition.

NFPA 2001, *Standard on Clean Agent Fire Extinguishing Systems*, ~~2018~~ 2022 edition.

2.3 Other Publications.

2.3.1 ACI Publications.

American Concrete Institute, 38800 Country Club Drive, Farmington Hills, MI 48331-3439.

ACI 376-11, *Code Requirements for Design and Construction of Concrete Structures for the Containment of Refrigerated Liquefied Gases*, 2013.

2.3.2 AGA Publications.

American Gas Association, 400 North Capitol Street, NW, Washington, DC 20001.

Purging Manual, 4th edition, 2018.

2.3.3 API Publications.

American Petroleum Institute, ~~4220 L Street~~, 200 Massachusetts Avenue, NW, Suite 1100, Washington, DC ~~20005-4070~~ 20001-5571.

API SPEQ STD 6FA, *Standard for Fire Tests for Valves*, ~~4th~~ 5th edition, ~~2018~~ 2020.

API STD 607, *Fire Test for Quarter-Turn Valves and Valves Equipped with Nonmetallic Seats*, 7th edition, 2016.

API STD 620, *Design and Construction of Large, Welded, Low-Pressure Storage Tanks*, 12th edition, 2013, addendum 1, 2014, addendum 2, 2018, addendum 3, 2021.

API STD 625, *Tank Systems for Refrigerated Liquefied Gas Storage*, 1st edition, 2010, addendums ~~1-3~~ 1-4, ~~2018~~ 2021.

2.3.4 ASCE Publications.

American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191-4400.

ASCE/SEI 7, *Minimum Design Loads and Associated Criteria for Buildings and Other Structures*, 2016.

2.3.5 ASME Publications.

American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

ASME B31.3, *Process Piping*, ~~2016~~ 2020.

ASME *Boiler and Pressure Vessel Code*, ~~2017~~ 2021.

2.3.6 ASTM Publications.

ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959.

ASTM A47/A47M, *Standard Specification for Ferritic Malleable Iron Castings*, 1999 (reapproved 2018).

ASTM A395/A395M, *Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures*, 1999 (reapproved 2018).

ASTM A536, *Specifications for Ductile Iron Castings*, 1984 (reapproved ~~2014~~ 2019).

2.3.7 CSA Group Publications.

CSA Group, 178 Rexdale Boulevard, Toronto, ON, M9W 1R3, Canada.

CSA B51, *Boiler, Pressure Vessel, and Pressure Piping Code*, ~~2014~~ 2019.

2.3.8 National Board Publications.

National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Avenue, Columbus, OH 43229.

NBBI/NB23, *National Board Inspection Code*, ~~2017~~ 2021.

2.3.9 UL Publications.

Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062-2096.

UL 132, *Safety Relief Valves for Anhydrous Ammonia and LP-Gas*, 2015, revised 2019.

2.3.10 US Government Publications.

US Government Publishing Office, 732 North Capitol Street, NW, Washington, DC 20401-0001.

Title 49, Code of Federal Regulations, Part 192, "Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards."

Title 49, Code of Federal Regulations, Part 195, "Transportation of Hazardous Liquids by Pipeline."

2.3.11 Other Publications.

Merriam-Webster's Collegiate Dictionary, 11th edition, Merriam-Webster, Inc., Springfield, MA, 2003.

Submitter Information Verification

Committee: LPU-AAA

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Committee Statement

Committee Statement: Referenced Standards are updated to the latest edition years.

Response Message: FR-2-NFPA 59-2021

[Public Input No. 4-NFPA 59-2021 \[Section No. 2.3.9\]](#)

**First Revision No. 5-NFPA 59-2021 [Section No. 2.4]****2.4 References for Extracts in Mandatory Sections.**

NFPA 54, *National Fuel Gas Code*, ~~2018~~ 2021 edition.

NFPA 58, *Liquefied Petroleum Gas Code*, ~~2017~~ 2023 edition.

NFPA 5000[®], *Building Construction and Safety Code*[®], ~~2018~~ 2021 edition.

Submitter Information Verification

Committee: LPU-AAA

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Committee Statement

Committee Statement: Extracted standards are being revised to the latest edition year.

Response Message: FR-5-NFPA 59-2021



First Revision No. 1-NFPA 59-2021 [Section No. 3.3.40]

3.3.40* Utility Gas Plant.

A plant that stores and vaporizes LP-Gas for distribution that supplies either LP-Gas or LP-Gas gas-air mixtures to a natural gas pipeline operator that operates a gas distribution system of 10 or more customers.

Submitter Information Verification

Committee: LPU-AAA

Submittal Date: Wed Oct 13 13:39:57 EDT 2021

Committee Statement

Committee Statement: This clarifies that when supplying LP-Gas to a natural gas distribution system operated by a natural gas pipeline operator NFPA 59 applies as NFPA 58 applies for other facilities that are not operated by a natural gas pipeline operator.

Response Message: FR-1-NFPA 59-2021

Public Input No. 7-NFPA 59-2021 [Section No. 3.3.40]



First Revision No. 6-NFPA 59-2021 [Section No. A.3.3.37]

A.3.3.37 Special Protection. [🔗](#)

Where required in this code, special protection consists of one of the following:

- (1) Applied insulating coating
- (2) Mounding
- (3) Burial
- (4) Water spray fixed systems
- (5) Fixed monitor nozzles that meet the criteria specified in this code
- (6) Any means listed for this purpose

See Section 6.29 ~~30~~ [of NFPA 58] for more information on fire protection and special protection. [~~58,2017~~ 2023]

Submitter Information Verification

Committee: LPU-AAA

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Committee Statement

Committee Statement: This revision was developed by NFPA staff for editorial purposes, in accordance with 4.4.9.6.2 and 4.4.9.6.3 of the Regulations Governing the Development of NFPA Standards (www.nfpa.org/regs).

Extracts being updated to reflect the latest edition year.

Response Message: FR-6-NFPA 59-2021



First Revision No. 3-NFPA 59-2021 [Section No. F.1]

F.1 Referenced Publications.

The documents or portions thereof listed in this annex are referenced within the informational sections of this code and are not part of the requirements of this document unless also listed in Chapter 2 for other reasons.

F.1.1 NFPA Publications.

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.

NFPA 3, *Standard for Commissioning of Fire Protection and Life Safety Systems*, 2024 2024 edition.

NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2019 2022 edition.

NFPA 30, *Flammable and Combustible Liquids Code*, 2024 2024 edition.

NFPA 58, *Liquefied Petroleum Gas Code*, 2020 2023 edition.

NFPA 70[®], *National Electrical Code*[®], 2020 2023 edition.

NFPA 70E[®], *Standard for Electrical Safety in the Workplace*[®], 2024 2024 edition.

NFPA 72[®], *National Fire Alarm and Signaling Code*[®], 2019 2022 edition.

NFPA 77, *Recommended Practice on Static Electricity*, 2019 2024 edition.

NFPA 80, *Standard for Fire Doors and Other Opening Protectives*, 2019 2022 edition.

NFPA 326, *Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair*, 2020 edition.

NFPA 497, *Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas*, 2024 2024 edition.

NFPA 1221, *Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems*, 2019 edition.

F.1.2 Other Publications.

F.1.2.1 AGA Publications.

American Gas Association, 400 North Capitol Street, NW, Washington, DC 20001.

Interchangeability of Other Fuel Gases with Natural Gas, Research Bulletin 36, AGA Catalog No. XH0203, 1946 (reprinted 2003).

Interchangeability — What it Means, AGA Catalog No. XL0884, 2002.

Introduction to LPG Safety for Propane Air Plant Operators, AGA Catalog No. XO9608, 1996.

F.1.2.2 API Publications.

American Petroleum Institute, ~~4220 L Street~~ 200 Massachusetts Avenue, NW, Suite 1100, Washington, DC ~~20005-4070~~ 20001-5571.

API RP 2003, *Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents*, 8th edition, 2015.

API STD 521, *Guide for Pressure-Relieving and Depressuring Systems*, 6th edition, 2014.

API STD 625, *Tank Systems for Refrigerated Liquefied Gas Storage*, 1st edition, 2010, addendums ~~4-3~~ 1-4, 2018 2021.

F.1.2.3 ASME Publications.

American Society of Mechanical Engineers, Two Park Avenue, New York, NY 10016-5990.

ASME *Boiler and Pressure Vessel Code*, 2017 2021 edition.

F.1.2.4 NACE Publications.

NACE International, 15835 Park Ten Place, Houston, TX 77084-4906.

SP0169, *Control of External Corrosion on Underground or Submerged Metallic Piping Systems*, 2013.

SP0198, *Control of Corrosion Under Thermal Insulation and Fireproofing Materials — A Systems Approach*, 2017.

SP0285, *Corrosion Control of Underground Storage Tank Systems by Cathodic Protection*, 2011.

F.1.2.5 PERC Publications.

Propane Education and Research Council, 1140 Connecticut Ave, NW, Suite 1075, Washington, DC 20036.

Fire Safety Analysis Manual for LP-Gas Storage Facilities, 2014.

F.1.2.6 US Government Publications.

US Government Publishing Office, 732 North Capitol Street, NW, Washington, DC 20401-0001.

Title 49, Code of Federal Regulations, Parts 171–180, “Hazardous Materials Regulations.”

Title 49, Code of Federal Regulations, Parts 190–199, “Pipeline Safety Regulations.”

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Committee Statement

Committee Statement: Reference standards are being updated to the latest revision year.

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F.3 References for Extracts in Informational Sections.

NFPA 58, *Liquefied Petroleum Gas Code*, ~~2017~~ 2023 edition.

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Committee Statement

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