

COMMUNITY AFFAIRS

DIVISION OF CODES AND STANDARDS

Liquefied Petroleum Gas

Adoption of NFPA 58 and 59 2024 Editions

Proposed Amendments: N.J.A.C. 5:18-3.1, 3.3, 3.6, 4.1, 4.3, and 5.1; and 5:18 Appendix A

Authorized By: Jacquelyn A. Suárez, Commissioner, Department of Community Affairs.

Authority: N.J.S.A. 21:1B-2 and 52:27D-509.

Calendar Reference: See Summary below for explanation of exception to calendar requirement.

Proposal Number: PRN 2025-032.

Submit written comments by June 6, 2025, to:

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The agency proposal follows:

Summary

The Department of Community Affairs (Department) is proposing to update the versions of the National Fire Protection Association Pamphlets (NFPA) 58 and 59 that are referenced in the Liquefied Petroleum Gas rules, N.J.A.C. 5:18, from the 2017 editions to the 2024 editions.

NFPA 58 sets forth the technical details necessary for the safe construction, operation, and maintenance of liquefied petroleum gas (LPG) facilities. NFPA 59 sets forth the standards for gas utility plants. NFPA 58 and 59 are adopted by reference and are amended in the New Jersey Administrative Code through notice of proposal and adoption in the New Jersey Register. Similarly, the edition of API 2510 is also proposed to be updated from the 2001 (eighth edition) version to the 2020 version (ninth edition).

NFPA 58-2024

The following significant changes occurred to NFPA 58 between the 2017 and 2024 editions. The changes listed include both the changes to the 2020 and 2024 editions. The Department is not proposing to amend these requirements; thus the requirements will be adopted by reference upon adoption of this notice of proposal.

- NFPA 58-4.8: New information for fire resistance rating and noncombustible materials was added. This specifies when materials are needed to have a certain fire resistance rating or when they must be noncombustible. In most cases, the Uniform Construction Code, codified at N.J.A.C. 5:23, will determine the required fire resistance ratings.
- NFPA 58-6.11.3.3(D): Schedule 10 steel piping is now allowed for use in aboveground vapor service only.
- NFPA 58-6.11(D): Reinforced plastic tubing and pipe are allowed for underground liquid LP-Gas installations.
- NFPA 58-5.11.3.1: Austenitic stainless steel is now allowed as a piping material.
- NFPA 58-4.7 and 6.30.4.2: Fire extinguishers are now prohibited for use for LP-Gas pressure fires unless the source of the fuel can be shut off promptly. This change resolves

the conflict between industry standards and the NFPA 58-2020 regarding the use of fire extinguishers for certain fires in favor of the industry standard.

- NFPA 58-7.2.2.7: New information was added for inspection of the face seal on CGA 791 and CGA 793 connections prior to filling. As defects in the connection face seal will degrade the effectiveness of the seal, if any defects are found on the face seal, “the cylinder is not to be refilled and the valve is to be replaced.”
- NFPA 58-15.5: The standard references the purging procedures of NFPA 54-2021, National Fuel Gas Code, regardless of the system’s operating procedure. This section is applicable to piping systems only and does not cover tanks.
- Chapter 15, “Operations and Maintenance,” was revised substantially. Notably, the scope of this section was altered to exclude systems regulated by the United States Department of Transportation. This section now includes requirements related to the operations and maintenance of bulk plant, industrial plant, refrigerated, marine, and pipeline LP-Gas systems not regulated by the U.S. Department of Transportation.
- NFPA 58-6.8.3: Revisions were made to the installation of horizontal container requirements to establish separate requirements for containers greater than 4,000-gallon water capacity and for those less than or equal to 4,000-gallon water capacity.
- NFPA 58-5.5: Requirements for purging of LP-Gas systems into and out of service were added to the operations and maintenance chapter, because facilities need to have proper procedures and plans when purging LP-Gas systems at facilities. These requirements are applicable to piping systems and do not apply to tanks.
- NFPA 58-4.10 and 6.28.3.19, markings of switches: These changes reflect a consolidation of requirements for emergency remote shutdown devices into Chapter 4 so

that all the requirements related to emergency remote shutdowns for devices, including equipment location and signage, are uniform despite potential differences in operating devices or valves. This uniformity ensures that all emergency shutdown situations are able to be handled in the same way.

There is one change to NFPA 58-2024 that the Department proposes to delete:

- New Chapter 16 was established to cover the installation of LP-Gas systems on food trucks, which includes material on piping system construction, container installation, and appliance installation. These systems are outside of the scope of the subchapter and fall within the jurisdiction of the Division of Fire Safety, thus warranting deletion from N.J.A.C. 5:18.

NFPA 59-2024

The following significant changes occurred to NFPA 59 between the 2018 and 2024 versions. The Department is not proposing to amend these requirements; thus the requirements will be adopted by reference upon adoption of this notice of proposal:

- NFPA 59-4.2, provisions for odorizing LP-Gas were added.
- NFPA 59-10.1.4 allows relief valves to be tested at intervals, in accordance with the manufacturer's recommendations, rather than five years where the device has been maintained in accordance with the manufacturer's requirements.

API 2510-2020

The following changes are made to the API 2510–2020 version of the standard. The Department is not proposing to amend these requirements; thus the requirements will be adopted by reference upon adoption of this notice of proposal:

- The 2020 version incorporates API 625, which addresses refrigerated tank storage systems.
- The 2020 version provides updated requirements for storage design, associated piping systems, foundation requirements, and accessories in Section 2510-6.1.
- The 2020 version of the standard also sets forth updated material provisions, including reinforced masonry, reinforced concrete, prestressed concrete, metal plate, and pipe of various shapes and sizes within Section 2510-6.2.2. This section addresses most foundation design standards.
- The 2020 version also sets forth expanded guidance for fire protection, as well as requirements for spill containment and pressure relief throughout Sections API 2510-10.5 and 11.3.3.

A section-by-section description of the proposed amendments at N.J.A.C. 5:18 follows.

1. Throughout the rulemaking, the edition of NFPA 58 is changed from 2017 to 2024 and where section numbers in the referenced standard have changed, changes have been made in the rule text to reflect the new numbering. In addition, where the section referenced at NFPA 58 has a title, those titles have been added in the rule text, so that code users can more easily identify what is being amended or deleted. Where the subsection being amended does not have a title, the subject of the subsection is mentioned to help the user identify what is being amended. The editions of NFPA 59 and API 2510 referenced have been changed to 2024 and 2020, respectively. Sections of the rules that reference back to the adopted NFPA 58, 59, and API 2510 standards have been amended to eliminate the inclusion of the year of the edition in the reference as their inclusion is redundant.

2. At N.J.A.C. 5:18-3.1(a)2i, a reference to the Department is proposed for inclusion for clarity.

3. At N.J.A.C. 5:18-3.1(a)4iii, an amendment is made to eliminate the reference to the training provisions referenced at NFPA 58, as such provisions are already provided for at N.J.A.C. 5:18-2.

4. At N.J.A.C. 5:18-3.1(a)4iv, Section 5.2.4.5 is proposed for deletion because it addresses containers mounted on vehicles, which are outside of the scope of N.J.A.C. 5:18.

5. At N.J.A.C. 5:18-3.1(a)4v, the proposed amendment references the requirements at N.J.A.C. 5:18 for the labeling of cylinders between four and 40 pounds to eliminate conflicts between the rules and the referenced standard.

6. The following sections are amended so that the allowable distance from a tank is measured to the property line, regardless of whether the property can be built upon. This is consistent with how distances are measured throughout the code.

- N.J.A.C. 5:18-3.1(a)5ii, Section 6.4.1.2;
- N.J.A.C. 5:18-3.1(a)5iv, Section 6.4.2.1;
- N.J.A.C. 5:18-3.1(a)5viii, Section 6.4.3(1);
- N.J.A.C. 5:18-3.1(a)5xxi, Section 6.25.4.3;
- N.J.A.C. 5:18-3.1(a)5xxviii, Section 6.31.3.1; and
- N.J.A.C. 5:18-3.1(a)5xxix, Section 6.31.2.3.

7. At N.J.A.C. 5:18-3.1(a)5xiv, Section 6.11.2 is amended to clarify that the sizing of LP-Gas vapor systems within buildings must comply with the Uniform Construction Code, N.J.A.C. 5:23.

8. At N.J.A.C. 5:18-3.1(a)5xxvii, Section 6.30.3.2 is amended to delete the reference to ASME tanks on roofs of buildings. Although acceptable within the referenced standard, the Department finds that placement of ASME tanks on roofs is not sound practice. This reflects other modifications made to NFPA 58.

9. At N.J.A.C. 5:18-3.1(a)13i, Section 15.4 is proposed for deletion, consistent with the deletion of the Marine Shipping and Receiving Chapter of NFPA 58 at N.J.A.C. 5:18-3.1(a)12.

10. At N.J.A.C. 5:18 Appendix A, an outdated reference to the rules for Boilers, Pressure Vessels, and Refrigeration is updated to the proper citation, N.J.A.C. 12:90, within the Department of Labor and Workforce Development rules, along with updating mailing, phone numbers, and email addresses.

As the Department has provided a 60-day comment period on this notice of proposal, this notice is excepted from the rulemaking calendar requirement pursuant to N.J.A.C. 1:30-3.3(a)5.

Social Impact

It is expected that this rulemaking will have a positive social impact. The proposed amendments will ensure that New Jersey is using the most current safety standard for liquefied petroleum gas installations. NFPA 58 and 59 and API 2510 are consensus standards that incorporate the perspectives of the industry, public, and regulators. NFPA 58 represents the current best practices for the installation of LP-Gas systems; NFPA 59 includes the current best practices for gas utility plants; API 2510 covers the design, construction, and location of liquefied petroleum gas installations at marine and pipeline terminals, natural gas processing plants, refineries, petrochemical plants, and tank farms. This provides the public with an appropriate level of public safety.

Economic Impact

The Department does not anticipate that any of the changes to the updated versions of NFPA 58 and 59 and API 2510 edition will have an economic impact.

Federal Standards Statement

A Federal standards analysis is not required because the proposed amendments are not being proposed pursuant to the authority of, or in order to implement, comply with, or participate in, any program established pursuant to Federal law or pursuant to a State statute that incorporates or refers to Federal law, standards, or requirements.

Jobs Impact

The Department does not anticipate that the proposed amendments, which update NFPA 58 and 59 to the 2024 editions and API 2510 to the 2020 edition would result in either the creation or loss of jobs.

Agriculture Industry Impact

The Department does not anticipate that the proposed amendments, which update NFPA 58 and 59 to the 2024 editions and API 2510 to the 2020 edition would have any effect on the agriculture industry.

Regulatory Flexibility Statement

The proposed amendments would apply to liquefied petroleum gas marketers, most of whom would be considered small businesses as defined in the New Jersey Regulatory Flexibility Act, N.J.S.A. 52:14B-16 et seq. The proposed amendments would not create a hardship for businesses of any size and are necessary for public safety. Therefore, there is no basis for differential treatment of small businesses. The adoption of the 2024 edition of NFPA 58 is not expected to introduce any new recordkeeping or reporting requirements on small businesses, nor is it expected to cause small businesses to need to employ professional services not already

required for compliance with the LP-Gas rules. The new compliance requirements established in the 2024 edition of NFPA 58 are safety requirements; there is no basis for differential treatment of small businesses.

The adoption of the 2024 edition of NFPA 59 applies to companies that vaporize and distribute LP-Gas or LP-Gas mixtures to 10 or more customers, some of whom would be considered small businesses. The proposed amendments would not create any new recordkeeping or professional service requirements for these companies. The new compliance requirements established in the 2024 edition of NFPA 59 are safety requirements; there is no basis for differential treatment of small businesses.

The adoption of the 2020 edition of API 2510, which regulates the design and construction of LP-Gas installations, updates requirements for storage design, pipe systems, and various material provisions, as well as expanding guidance for fire protection for these installations. These amendments do not establish any new recordkeeping or professional service requirements applicable to designers and installers, some of whom would be considered small businesses. The new compliance requirements established in the 2020 edition of API 2510 are safety requirements; as such, there is no basis for differential treatment of small businesses.

Housing Affordability Impact Analysis

The proposed amendments, which update NFPA 58 and 59 to the 2024 editions and API 2510 to the 2020 edition, will not result in more expensive propane installations for residential structures. Therefore, the proposed amendments would not have any impact on the affordability of housing in the State and there is an unlikelihood that the proposed amendments would evoke a change in the average costs associated with housing.

Smart Growth Development Impact Analysis

The proposed amendments update NFPA 58 and 59 to the 2024 editions and API 2510 to the 2020 edition. As the proposed amendments do not impact zoning or what may be built in a given location, it is not anticipated that the proposed amendments will have an impact on smart growth or evoke a change in housing production within Planning Areas 1 or 2, or within designated centers, pursuant to the State Development and Redevelopment Plan.

Racial and Ethnic Community Criminal Justice and Public Safety Impact

The Department has evaluated this rulemaking and determined that it will not have an impact on pretrial detention, sentencing, probation, or parole policies concerning adults and juveniles in the State. Accordingly, no further analysis is required.

Full text of the proposal follows (additions indicated in boldface **thus**; deletions indicated in brackets [thus]):

SUBCHAPTER 3. NFPA 58 SYSTEMS

5:18-3.1 Standards adopted by reference

(a) The Liquefied Petroleum Gas Code, “NFPA [58-2017] **58-2024**,” is hereby adopted by reference with the following modifications:

1. The following amendments are made to Chapter 1 of NFPA 58 entitled “Administration”:

- i. Section 1.3.1, **entitled “Application of Code,”** is deleted.
- ii. Section 1.3.2, **entitled “Nonapplication of Code,”** is deleted.
- iii.-iv. (No change.)

v. Section 1.4.3 **concerning the alternate methods of complying with retroactive provisions of the code**, is deleted and the provisions [of] **at** N.J.A.C. 5:18-1.3(m)]**1.3(n)** shall be substituted in lieu thereof.

2. The following amendments are made to Chapter 3 of NFPA 58 entitled “Definitions”:

i. Section 3.2.2 is deleted. Substitute in lieu thereof, “**New Jersey Department of Community Affairs**, Division of Codes and Standards is the authority having jurisdiction unless otherwise noted.”

ii. Section [3.3.9] **3.3.10** is deleted and the definition of “Bulk plant” found [in] **at** N.J.A.C. 5:18-2.1 is substituted in lieu thereof.

iii. Section [3.3.39] **3.3.40** is deleted and the definition of “Industrial plant” found [in] **at** N.J.A.C. 5:18-2.1 is substituted in lieu thereof.

3. The following amendments are made to Chapter 4 of NFPA 58 entitled “General requirements”:

i. Section 4.3.1, **entitled “Stationary Installations,”** is deleted.

ii. Section 4.3.2, **entitled “Temporary Installations,”** is deleted.

iii. Section 4.3.3, **entitled “Railcar to Cargo Tank Transfer,”** is deleted.

iv. Section 4.4, **entitled “Qualification of Personnel,”** is deleted.

4. The following amendments are made to Chapter 5 of NFPA 58 entitled “LP-Gas Equipment and Appliances”:

i. Section 5.2.2.2 **concerning the transportation of DOT cylinders**, is deleted.

ii. Section 5.2.3.1 **concerning cylinders in stationary service**, is amended to add the following sentence to the end of the section: “Any newly installed DOT container must meet the requalification requirements of this section at the time of installation. Where recertification of

DOT containers cannot be accomplished because of weather or other extenuating circumstances, the container may remain in service for a period of 180 days after the expiration of the certification.”

iii. Section 5.2.3.3 concerning training of personnel, is amended to delete the words “in accordance with Section 4.4.”

iv. Section 5.2.4.5 concerning ASME engine fuel containers installed on vehicles, is deleted.

v. Section 5.2.8.4 concerning warning labels, is amended to add a third item as follows: “(3) Warning labels for cylinders between four and 40 pounds capacity shall comply with the provisions of N.J.A.C. 5:18.”

[iii.] vi. Section 5.9.4.2(C) concerning remote and thermal closure of internal valves, is amended to replace the date “July 1, 2003” with “July 1, 2007.”

[iv.] vii. Section 5.9.4.2(D) concerning shutoffs for liquid withdraw openings, is amended to replace the date “July 1, 2011” with “July 1, 2015.”

[v.] viii. Section 5.9.4.2(G) concerning remote and thermal closure for liquid inlet openings where the internal valve is not equipped for remote or thermal closure, is amended to replace the date “July 1, 2003” with “July 1, 2007.”

[vi.] ix. Section 5.9.4.2(H) concerning protection of liquid inlet openings, is amended to replace the date “July 1, 2011” with “July 1, 2015.”

[vii.] x. Section [5.23.6] 5.24.7 concerning appliances used in mobile homes and recreational vehicles, is deleted.

[viii.] xi. Section [5.23.7] 5.24.8 concerning LP-Gas appliances used on commercial vehicles, is deleted.

5. The following amendments are made to Chapter 6 of NFPA 58 entitled “Installation of LP-Gas Systems”:

i. Section 6.4.1.1 **concerning installation of aboveground containers**, is amended to delete the words “that can be built upon” on lines 5 and 6.

ii. Section 6.4.1.2 **concerning the installation of aboveground containers and distance reductions**, is amended to delete the words “that can be built upon” on line 2.

[ii.] iii. Section 6.4.1.3 **concerning an exception from the distance requirements for the installation of certain aboveground containers**, is amended to delete the words “that can be built upon” on line 4.

iv. Section 6.4.2.1 **concerning the installation of underground or mounded containers**, is amended to delete the words “that can be built upon” on line 2 and 3.

[iii.] v. Section 6.4.2.2 **concerning how distances are measured for underground or mounded containers**, is deleted and the following language is substituted “Distances for all underground containers and mounded ASME containers shall be measured from the pressure relief valve and the filling connection.”

[iv.] vi. Section 6.4.2.3 **concerning minimum distances for underground or mounded containers**, is amended to delete the words “that can be built upon” on line [3] 2.

[v.] vii. Table 6.4.1.1, entitled “**Separation Distances Between Containers, Important Buildings, and Line of Adjoining Property That Can Be Built Upon**,” is amended to delete the words “that can be built upon” in the title.

[vi.] viii. [The title of] Section 6.4.3 is amended to delete the [word “ASME”] words “that can be built upon” on line 4.

[vii.] **ix.** Section 6.5.3.13 **dealing with power lines over tanks**, is amended to delete the words “600 volts, nominal” and replace them with the words “240 volts, nominal.”

[viii] **x.** Section [6.7.1.4] **6.7.1.2 for the transfer of liquid LP-Gas into containers on roofs of buildings**, is deleted.

[ix] **xi.** Section [6.8.7] **6.8.9, entitled “Installation of Containers on Roofs of Buildings,”** is deleted.

[x] **xii.** Section 6.11.1.1[(D)] **E dealing with LP-Gas vapor pressure inside of buildings**, is amended to delete the words “LP-Gas vapor at pressures exceeding 20 psig (138 KPag) or.”[;]

[xi] **xiii.** Section 6.11.1.2 **dealing with LP-Gas vapor fixed piping systems at pressures of 20 psig through 50 psig (138 kPag through 345 kPag) in industrial occupancies**, is deleted;

xiv. Section 6.11.2.1 **dealing with sizing of LP-Gas vapor systems**, is amended to add the words “LP-Gas vapor systems within buildings shall be sized in accordance with the Uniform Construction Code, N.J.A.C. 5:23.”

[xii.] **xv.** Section [6.11.4.6] **6.11.5.7 dealing with tracer wires**, is amended to replace the term “(minimum AWG 14)” with the term “(minimum AWG 18).”

[xiii.] **xvi.** Section 6.13.1 **dealing with internal valves**, is amended to replace the date “July 1, 2003” with “July 1, 2007.”

[xiv.] **xvii.** The text of Section [6.17.3] **6.18.1 dealing with leak checking of vapor systems**, is deleted and the following shall be substituted in lieu thereof “Liquefied Petroleum Gas vapor piping between the second stage regulator and appliances shall be tested in accordance with the Uniform Construction Code, [(N.J.A.C. 5:23)].”

[xv.] **xviii.** Section [6.19.3.2(2)] **6.20.3.2(2) dealing with cathodic protection of tanks**, is amended to add the following sentence “Where containers are bedded and backfilled such that there is a minimum of 12[”] **inches** of washed concrete sand surrounding the tank, the test interval shall not exceed 60 months.”

[xvi.] **xix.** Section [6.22] **6.23, entitled “LP-Gas Systems in Buildings or on Building Roofs or Exterior Balconies,”** is deleted and the following language is substituted, “The installation of LP-Gas systems in buildings, on building roofs and exterior balconies shall be in accordance with the Uniform Construction Code, [(N.J.A.C. 5:23)], and the Uniform Fire Code,[. (N.J.A.C. 5:70)].”

[xvii.] **xx.** Table [6.24.3.6] **6.25.3.6 concerning distances between direct fired vaporizers and exposures**, is amended to delete the words “that can be built upon” on line 6 under the heading “Exposure.”

xxi. Section 6.25.4.3 concerning distances between tank heaters and exposures, is amended to delete the words “that can be built upon” on line 3.

[xviii.] **xxii.** Section [6.26] **6.27, entitled “LP-Gas Systems on Vehicles (Other Than Engine Fuel Systems),”** is deleted.

[xix.] **xxiii.** Section [6.27.3.8] **6.28.3.9 concerning container liquid withdrawal opening used with vehicle fuel dispensers and dispensing systems**, is amended to delete the words “remote closure and” in item (1) and to delete the words “fitted for remote closure and” in item (2).

[xx.] **xxiv.** Section [6.27.3.9] **6.28.3.10 concerning remote shutdown devices**, is deleted.

[xxi.] **xxv. Section [6.27.3.10] 6.28.3.11 concerning annual testing of shutoff valves,** is deleted.

[xxii.] **xxvi. Section [6.27.3.13] 6.28.3.14 concerning vehicle barrier protection,** is amended to delete the words “in accordance with [6.25.3.13(A)] **6.28.3.14(A)** or [6.25.3.13(B)] **6.28.3.14(B)**” and substitute in lieu thereof “in accordance with N.J.A.C. 5:18-3.3(i) or 5:18-3.3(j).”

xxvii. Section 6.30.3.2 concerning fire safety analysis is amended to delete the words “and for ASME containers on roofs.”

xxviii. Section 6.31.2.1 concerning distances between underground and mounded tanks and exposures, is amended to delete the words “that can be built upon” on line 2.

xxix. Section 6.31.2.3 concerning distances between underground and mounded containers and property lines, is amended to delete the words “that can be built upon” on line 2.

6. The following amendments are made to Chapter 7 of NFPA 58 entitled “LP-Gas [Liquid] Transfer”:

i. Section 7.2.2.1 **concerning employee training,** is amended to delete the words “Section 4.4” and substitute “N.J.A.C. 5:18-1.3(d).”

ii. Section 7.2.3.8 **concerning filling cargo vehicles directly from railcars,** is deleted.

iii. Section 7.2.3.9 **concerning cargo vehicle to cargo vehicle transfer,** is deleted.

7. The following amendments are made to Chapter 8 of NFPA 58 entitled “Storage of Cylinders Awaiting Use, Resale, or Exchange”:

i. Section 8.3, **entitled “Storage Within Buildings,”** is deleted and the following language is substituted, “The storage of LP-Gas in buildings shall be in accordance with the Uniform Fire Code, [(N.J.A.C. 5:70)], and Uniform Construction Code, [(N.J.A.C. 5:23)], as appropriate.”

ii. Section 8.4, **entitled “Storage Outside of Buildings,”** is deleted and the following language is substituted: “The storage of [LP Gas] **LP-Gas** outside of buildings shall be in accordance with the Uniform Fire Code, [(N.J.A.C. 5:70)]. Cylinder exchange cabinets shall be installed and maintained in accordance with the Uniform Fire Code, [(N.J.A.C. 5:70)].”

iii. Section 8.5, **entitled “Fire Protection and Electrical Area Classification,”** is deleted.

8. Chapter 9 of NFPA 58, **entitled “Vehicular Transportation of LP-Gas,”** with the exception of **Section 9.7** on the parking and garaging of vehicles used to carry LP-Gas, [entitled "Vehicular Transportation of LP-Gas,"] is deleted.

9. – 10. (No change.)

11. Chapter 12 of NFPA 58, entitled “Motor Vehicles Intended for [Over-the] **On-Road** Use or Designed to Transport Passengers and [are] **Are** Fueled by LP-Gas,” is deleted.

12. (No change.)

13. The following amendments are made to Chapter 15 of NFPA 58, entitled “Operations and Maintenance”:

i. Section 15.4, **entitled “Operations Requirements for Marine Shipping and Receiving,”** is deleted.

(b) (No change.)

5:18-3.3 Container storage

(a) (No change.)

(b) Containers installed outside of buildings shall be located with respect to property lines other than public ways, buildings, or bulk storage of hazardous materials in accordance with Table 6.4.1.1 of the Liquefied Petroleum Gas Code, NFPA [58-2017] **58**.

1. The term “buildings” as used in this subsection shall not be construed to include the buildings described [in] at paragraph [6.4.3.1] **6.5.3.14** of the referenced standard.

2. (No change.)

(c) Containers installed outside of buildings shall be located with regard to the near side of a public way in accordance with the schedule of aboveground containers of Table 6.4.1.1 of Liquefied Petroleum Gas Code, NFPA [58-2017] **58**, as provided below.

1.-2. (No change.)

(d) (No change.)

(e) Installations of LP-Gas systems with aboveground containers of 90,000 gallons individual or aggregate water capacity or more that present a serious exposure hazard shall be protected by one of the following: distances at least 50 percent greater than the schedule of aboveground containers of Table 6.4.1.1 of Liquefied Petroleum Gas Code, NFPA [58-2017] **58**, water spray protection, fixed monitors, or insulation.

(f) If more than six containers, each of which is of 2,000 gallons water capacity or more, are used at a single site, the containers shall be separated into batteries of not more than six containers with batteries separated from each other by the distances required for the schedule for mounded

or underground containers of Table 6.4.1.1 of Liquefied Petroleum Gas Code, NFPA [58-2017]

58.

(g) – (r) (No change.)

5:18-3.6 Cylinder exchange cabinets

(a) In addition to complying with the requirements of Chapter 8 of the Liquefied Petroleum Gas Code, NFPA [58-2017] **58**, the operator of every location providing LPG cylinder exchange cabinets shall:

1. – 10. (No change.)

SUBCHAPTER 4. NFPA 59 SYSTEMS

5:18-4.1 Standards adopted by reference

(a) Utility LP-Gas Plant Code, NFPA [59-2018] **59-2024**, is hereby adopted by reference, except that:

1. – 2. (No change.)

(b) (No change.)

5:18-4.3 Container storage

(a) Containers of liquefied petroleum gases at utility gas plants shall be located with regard to property lines other than a public way, buildings, or bulk storage of hazardous materials in accordance with the applicable schedule of Utility LP-Gas Plant Code, NFPA [59-2018] **59**.

(b) Containers of liquefied petroleum gases at utility gas plants shall be located with regard to the near side of a public way in accordance with the applicable schedule for aboveground containers of Utility LP-Gas Plant Code, NFPA [59-2018] **59**.

(c) – (g) (No change.)

SUBCHAPTER 5. API 2510 INSTALLATIONS

5:18-5.1 Standards adopted by reference

(a) API [2510-2001] **2510-2020**, “Design and Construction of Liquefied Petroleum Gas (LPG) Installations,” is hereby adopted by reference for the design and construction of liquefied petroleum gas (LPG) installations at marine and pipeline terminals, refineries, petrochemical plants, and tank farms, except that:

1. - 2. (No change.)

3. NFPA [58-2017] **58-2024** may be used as the standard for those areas not specifically addressed by API [2510-2001] **2510-2020**, provided that the provisions of NFPA 58 do not conflict with the intent of API [2510-2001] **2510-2020**.

(b) (No change.)

APPENDIX A

AVAILABILITY OF STANDARDS AND PUBLICATIONS REFERRED TO IN THIS CHAPTER

A copy of each of the standards and publications referenced in this chapter is on file and may be inspected at the following office of the Division of Codes and Standards between the hours of 9:00 A.M. and 5:00 P.M. on normal working days:

State of New Jersey
Department of Community Affairs
Division of Codes and Standards
101 South Broad Street
Trenton, New Jersey

Copies of the referenced standards and publications may be obtained from the organizations listed below. The abbreviations preceding these standards and publications have the following meanings and refer to the organizations issuing the standards and publications listed or to volumes of statutes or administrative rules.

API American Petroleum Institute
[1220 L Street Northwest]
200 Massachusetts Avenue, NW
Suite 1100
Washington, [D.C. 20005] **DC 20001-5571**

Questions on the standards may be directed to:

Phone: 202-682-8000

Fax: 202-962-4797

Website: www.api.org

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Washington, [D.C. 20402] **DC 20001**

Website: [www.gpoaccess.gov/cfr/index] <https://www.gpo.gov/>

IBC

International Building Code

Copies available from:

International Code Council

[Suite 600

5203 Leesburg Pike

Falls Church, Virginia 22041]

200 Massachusetts Avenue, NW

Suite 250

Washington, DC 20001

Phone: 888-422-7233

Fax: 202-783-2348

[e-mail:webmaster@ICCSafe.org] **Email:** customersuccess@iccsafe.org

NFPA

National Fire Protection Association

1 Batterymarch Park

Quincy, Massachusetts [02269] **02169-7471**

Phone: 800-344-3555

Fax: [617-770-0700] **800-593-6372**

[e-mail:custserv@nfpa.org]

Website: <https://www.nfpa.org/en>

N.J.A.C. New Jersey Administrative Code

Copies of N.J.A.C. 5:18 are available from:

Division of Codes and Standards

New Jersey Department of Community Affairs

PO Box 821

Trenton, New Jersey 08625-0821

Phone: [609-633-6835] **609-984-4257**

Fax: [609-633-1040] **609-633-6279**

Email: LPGas@dca.nj.gov

Copies of N.J.A.C. 5:23 are available from:

Division of Codes and Standards

[Publications Unit]

New Jersey Department of Community Affairs

PO Box 802

Trenton[.], New Jersey 08625-0802

Phone: [609-984-0040] **609-984-7609**

Copies of N.J.A.C. 5:70 are available from:

Division of Fire Safety

New Jersey Department of Community Affairs

PO Box 809

Trenton, New Jersey 08625-0809

Phone: 609-633-6110

Website: [www.state.nj.us/dca/dfs/pubs]

<https://www.nj.gov/dca/dfs/publications/index.shtml>

N.J.S.A. New Jersey Statutes Annotated

Copies of N.J.S.A. 21:1B-1 et seq., are available from:

Division of Codes and Standards

New Jersey Department of Community Affairs

PO Box 821

Trenton, New Jersey 08625-0821

Phone: [609-633-6835] **609-984-4257**

Fax: [609-633-1040] **609-633-6279**

Email: LPGas@dca.nj.gov

USC United States Code

Copies available from:

Occupational Safety and Health Administration

U.S. Department of Labor

[1515 Broadway

New York, New York 10036]

200 Constitution Avenue, NW

Washington, DC 20210

[Email: uscode@mail.house.gov]

Website: <https://www.osha.gov/contactus>

<i>No. and Edition</i>	<i>Title</i>
[API-2510-2001] API-2510-2020	American Petroleum Institute 2510-[2001] 2020 , Design and Construction of Liquefied Petroleum Gas Installations
[IBC/2018] IBC, current edition adopted at N.J.A.C. 5:23-3.14	() International Building Code, [2018, New Jersey Edition] current edition as adopted as the building subcode of the Uniform Construction Code.
NFPA [30-2003] 30-2024	Flammable and Combustible Liquids Code
NFPA [58-2017] 58-2024	Liquefied Petroleum Gas Code
NFPA [59-2018] 59-2024	Utility LP-Gas Plant Code
N.J.A.C. 5:70	New Jersey Uniform Fire Code
N.J.A.C. 5:23	New Jersey Uniform Construction Code
N.J.A.C. [5:11] 12:90	Boilers, Pressure Vessels and Refrigeration
N.J.S.A. 21:1B-1 et seq.	Liquefied Petroleum Gas Act
29 U.S.C. §§ 651 et seq.	Occupational Safety and Health Act