

Figure: 16 TAC §9.15(e)
(Revised January 2020)

TABLE 1. LP-Gas Penalty Schedule Guideline

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
Tex. Nat. Res. Code, Chapter 113	Any violation of Chapter 113, Texas Natural Resources Code	\$1,000-2,500
16 TAC §9.4(a)	Retention of records	\$500
16 TAC §9.4(d)	Licensee and registrant obligations	\$2,500
16 TAC §9.7(a)	Performing LP-gas activities without proper certification and/or license	\$500
16 TAC §9.7(d)	Copies of licenses and/or certifications	\$100
16 TAC §9.7(g)	Company representative and/or branch manager	\$500
16 TAC §9.7(h)	Performing container manufacturing activities without proper registration	\$500
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 1-2 months	\$500
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 3-4 months	\$750
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 5-6 months	\$1,000
16 TAC §9.7(j)	License renewals and manufacturer registration lapse, more than 6 months	\$1,000-2,500
16 TAC §9.9	Requirements for certificate renewal	\$250
16 TAC §9.11	Employee transfers	\$100
16 TAC §9.12	Trainees	\$500-1,000
16 TAC §9.13	General installers and repairman exception	\$500-1,000
16 TAC §9.17	Designation and responsibilities of company reps	\$500
16 TAC §9.21	Franchise tax certification and assumed name certificates	\$500
16 TAC §9.22	Changes in ownership, form or name of dealership	\$500
16 TAC §9.23	Limitation/avoidance of licensee liability	\$2,500
16 TAC §9.26	Insurance and self-insurance requirements	\$1,000
16 TAC §9.28	Reasonable safety provisions	\$2,500
16 TAC §9.32	Consumer safety notification	\$500
16 TAC §9.35	Written procedure for leak check	\$100-500
16 TAC §9.36(a)	Report of an LP-gas incident/accident	\$1,000
16 TAC §9.36(c)	Completed Form 20	\$100
16 TAC §9.36(e)	Category P must notify supplier of incident	\$250
16 TAC §9.41	Testing LP-gas systems in school facilities	\$1,000
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 1-5 occurrences	\$100
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 6-10 occurrences	\$200
16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), >10 occurrences	\$500
16 TAC §9.101(c)	Filings for stationary installations Form 500 (>= 10,000 gal AWC)	\$1,000
16 TAC §9.109	Physical inspection of stationary installation	\$250-1,000
16 TAC §9.113	Maintenance	\$250-1,000
16 TAC §9.114(a)	Odorization in accordance with NFPA 58	\$500-2,500
16 TAC §9.126(a)-(b)	All appurtenances and equipment shall be listed	\$1,000
16 TAC §9.126(c)	Licensee or operator of equipment not listed but approved for use by manufacturer	\$250

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
	shall maintain documentation	
16 TAC §9.129	Manufacturer's nameplate and markings	\$1,000
16 TAC §9.131	200 PSIG working pressure stationary vessels	\$500-1,000
16 TAC §9.132	Sales to unlicensed individuals	\$1,000
16 TAC §9.134	Connecting container to piping	\$250-1,000
16 TAC §9.135	Unsafe or unapproved containers, cylinders or piping	\$500-2,500
16 TAC §9.136	Filling DOT containers	\$500-2,500
16 TAC §9.137	Inspection of containers at each filling	\$500
16 TAC §9.140	Uniform protection standards	\$100-750
16 TAC §9.141	Uniform safety requirements	\$100-750
16 TAC §9.142	LP-gas storage and installation requirements	\$100-500
16 TAC §9.143	Bulkhead, internal valve, ball valve and ESV protection	\$500-2,500
16 TAC §9.201	Applicability (includes 49 CFR 100-185)	\$500-2,500
16 TAC §9.202	Registration and transfer of LP-gas transports	\$500-1,500
16 TAC §9.203	School bus, public transportation, mass and special transit	\$100-500
16 TAC §9.204	Maintenance of vehicles	\$250-1,000
16 TAC §9.206	Vehicle identification labels	\$50-100
16 TAC §9.208	Testing requirements	\$250-1,000
16 TAC §9.211	Markings	\$250
16 TAC §9.212	Manifests	\$250
16 TAC §9.301	NFPA 54 adopted by reference unless otherwise listed	\$250-2,500
16 TAC §9.301	NFPA 54 Section 7.1.2.1 underground piping cover requirements	\$250-750
16 TAC §9.301	NFPA 54 Section 7.1.7.1 connection of plastic piping	\$500-1,000
16 TAC §9.301	NFPA 54 Section 7.1.7.3 tracer wire	\$100-500
16 TAC §9.301	NFPA 54 Section 7.7.2.1 cap all outlets	\$100-500
16 TAC §9.301	NFPA 54 Section 8.2.3 test for leakage	\$1,500
16 TAC §9.301	NFPA 54 Section 9.1.1.2 appliance installation	\$500-1,000
16 TAC §9.301	NFPA 54 Section 9.6.8 sediment trap	\$100-500
16 TAC §9.301	NFPA 54 Section 12.2.1 venting of appliances	\$500-1,000
16 TAC §9.306	Room heaters in public buildings	\$250-1,000
16 TAC §9.307	Identification of converted appliances	\$100-250
16 TAC §9.308	Identification of piping installation	\$100-250
16 TAC §9.311	Special exceptions for appliance connectors and piping support on agricultural and industrial structures	\$100-500
16 TAC §9.312	Certification requirements for joining methods	\$500
16 TAC §9.401	NFPA 58 adopted by reference unless otherwise listed	\$250-2,500
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), first occurrence	\$500
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 2nd occurrence	\$750
16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 3 or more occurrences	\$1,000
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders	\$500

LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders	\$750
16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), >20 cylinders	\$1,000
16 TAC §9.401	NFPA 58 Section 9.4.8 (chock blocks)	\$100-250
16 TAC §9.403	Sections in NFPA 58 not adopted by reference or adopted with change or additional requirements	\$250-2,500

Figure: 16 TAC §9.15(k)
(Revised January 2020)

TABLE 5. LP-Gas Penalty Worksheet

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
1	Tex. Nat. Res. Code, Chapter 113	Any violation of Chapter 113, Texas Natural Resources Code	\$1,000-2,500	\$
2	16 TAC §9.4(a)	Retention of records	\$500	\$
3	16 TAC §9.4(d)	Licensee and registrant obligations	\$2,500	\$
4	16 TAC §9.7(a)	Performing LP-gas activities without proper certification and/or license	\$500	\$
5	16 TAC §9.7(d)	Copies of licenses and/or certifications	\$100	\$
6	16 TAC §9.7(g)	Company representative and/or branch manager	\$500	\$
7	16 TAC §9.7(h)	Performing container manufacturing activities without proper registration	\$500	\$
8	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 1-2 months	\$500	\$
9	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 3-4 months	\$750	\$
10	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, 5-6 months	\$1,000	\$
11	16 TAC §9.7(j)	License renewals and manufacturer registration lapse, more than 6 months	\$1,000-2,500	\$
12	16 TAC §9.9	Requirements for certificate holder renewal	\$250	\$
13	16 TAC §9.11	Employee transfers	\$100	\$
14	16 TAC §9.12	Trainees	\$500-\$1,000	\$
15	16 TAC §9.13	General installers and repairman exception	\$500-1,000	\$
16	16 TAC §9.17	Designation and responsibilities of company reps	\$500	\$
17	16 TAC §9.21	Franchise tax certification and assumed name certificates	\$500	\$
18	16 TAC §9.22	Changes in ownership, form or name of dealership	\$500	\$
19	16 TAC §9.23	Limitation/avoidance of licensee liability	\$2,500	\$
20	16 TAC §9.26	Insurance and self-insurance requirements	\$1,000	\$
21	16 TAC §9.28	Reasonable safety provisions	\$2,500	\$
22	16 TAC §9.32	Consumer safety notification	\$500	\$
23	16 TAC §9.35	Written procedure for leak check	\$100-500	\$
24	16 TAC §9.36(a)	Report of an LP-gas incident/accident	\$1,000	\$
25	16 TAC §9.36(c)	Completed Form 20	\$100	\$
26	16 TAC §9.36(e)	Category P must notify supplier of incident	\$250	\$
27	16 TAC §9.41	Testing LP-gas systems in school facilities	\$1,000	\$
28	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 1-5 occurrences	\$100	\$
29	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), 6-10 occurrences	\$200	\$
30	16 TAC §9.101(b)	Filings for stationary installations Form 501 (< 10,000 gal AWC), >10 occurrences	\$500	\$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
31	16 TAC §9.101(c)	Filings for stationary installations Form 500 (>= 10,000 gal AWC)	\$1,000	\$
32	16 TAC §9.109	Physical inspection of stationary installation	\$250-1,000	\$
33	16 TAC §9.113	Maintenance	\$250-1,000	\$
34	16 TAC §9.114(a)	Odorization in accordance with NFPA 58	\$500-2,500	\$
35	16 TAC §9.126(a)-(b)	All appurtenances and equipment shall be listed	\$1,000	\$
36	16 TAC §9.126(c)	Licensee or operator of equipment not listed but approved for use by manufacturer shall maintain documentation	\$250	\$
37	16 TAC §9.129	Manufacturer's nameplate and markings	\$1,000	\$
38	16 TAC §9.131	200 PSIG working pressure stationary vessels	\$500-1,000	\$
39	16 TAC §9.132	Sales to unlicensed individuals	\$1,000	\$
40	16 TAC §9.134	Connecting container to piping	\$250-1,000	\$
41	16 TAC §9.135	Unsafe or unapproved containers, cylinders or piping	\$500-2,500	\$
42	16 TAC §9.136	Filling DOT containers	\$500-2,500	\$
43	16 TAC §9.137	Inspection of containers at each filling	\$500	\$
44	16 TAC §9.140	Uniform protection standards	\$100-750	\$
45	16 TAC §9.141	Uniform safety requirements	\$100-750	\$
46	16 TAC §9.142	LP-gas storage and installation requirements	\$100-500	\$
47	16 TAC §9.143	Bulkhead, internal valve, ball valve and ESV protection	\$500-2,500	\$
48	16 TAC §9.201	Applicability (includes 49 CFR 100-185)	\$500-2,500	\$
49	16 TAC §9.202	Registration and transfer of LP-gas transports	\$500-1,500	\$
50	16 TAC §9.203	School bus, public transportation, mass and special transit	\$100-500	\$
51	16 TAC §9.204	Maintenance of vehicles	\$250-1,000	\$
52	16 TAC §9.206	Vehicle identification labels	\$50-100	\$
53	16 TAC §9.208	Testing requirements	\$250-1,000	\$
54	16 TAC §9.211	Markings	\$250	\$
55	16 TAC §9.212	Manifests	\$250	\$
56	16 TAC §9.301	NFPA 54 adopted by reference unless otherwise listed	\$250-2,500	\$
57	16 TAC §9.301	NFPA 54 Section 7.1.2.1 underground piping cover requirements	\$250-750	\$
58	16 TAC §9.301	NFPA 54 Section 7.1.7.1 connection of plastic piping	\$500-1,000	\$
59	16 TAC §9.301	NFPA 54 Section 7.1.7.3 tracer wire	\$100-500	\$
60	16 TAC §9.301	NFPA 54 Section 7.7.2.1 cap all outlets	\$100-500	\$
61	16 TAC §9.301	NFPA 54 Section 8.2.3 test for leakage	\$1,500	\$
62	16 TAC §9.301	NFPA 54 Section 9.1.1.2 appliance installation	\$500-1,000	\$
63	16 TAC §9.301	NFPA 54 Section 9.6.8 sediment trap	\$100-500	\$
64	16 TAC §9.301	NFPA 54 Section 12.2.1 venting of appliances	\$500-1,000	\$
65	16 TAC §9.306	Room heaters in public buildings	\$250-1,000	\$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
66	16 TAC §9.307	Identification of converted appliances	\$100-250	\$
67	16 TAC §9.308	Identification of piping installation	\$100-250	\$
68	16 TAC §9.311	Special exceptions for appliance connectors and piping support on agricultural and industrial structures	\$100-500	\$
69	16 TAC §9.312	Certification requirements for joining methods	\$500	\$
70	16 TAC §9.401	NFPA 58 adopted by reference unless otherwise listed	\$250-2,500	\$
71	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), first occurrence	\$500	\$
72	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 2nd occurrence	\$750	\$
73	16 TAC §9.401	NFPA 58 Section 6.4.1.1 (distance from container), 3 or more occurrences	\$1,000	\$
74	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders	\$500	\$
75	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders	\$750	\$
76	16 TAC §9.401	NFPA 58 Section 5.2.2.3 and 11.3.1.5 (requalification of cylinders), >20 cylinders	\$1,000	\$
77	16 TAC §9.401	NFPA 58 Section 9.4.8 (chock blocks)	\$100-250	\$
78	16 TAC §9.403	Sections in NFPA 58 not adopted by reference or adopted with change or additional requirements	\$250-2,500	\$
79	Subtotal of typical penalty amounts from Table 1 (lines 1-78, inclusive)			\$
80	Reduction for settlement before hearing: up to 50% of line 79 amt.		%	\$
81	Subtotal: amount shown on line 79 less applicable settlement reduction on line 80			\$
Penalty enhancement amounts for threatened or actual safety hazard from Table 2				
82	Death or personal injury		\$5,000 to \$20,000	\$
83	Taking facility out of service		\$1,000 to \$5,000	\$
84	Gas ignition or release requiring emergency response		\$1,000 to \$15,000	\$
85	Damage to LP-gas installation or vehicle		\$1,000 to \$5,000	\$
86	Property damage exceeding \$5,000		\$1,000 to \$15,000	\$
87	Rerouting of traffic or evacuation of premises		\$1,000 to \$5,000	\$
Penalty enhancement for severity of violation from Table 2				
88	Time out of compliance		\$100 to \$2,000/ mo.	\$
89	Subtotal: amount shown on line 81 plus all amounts on lines 82 through 88, inclusive			\$
90	Reckless conduct of person charged		Up to double line 81	\$
91	Intentional conduct of person charged		Up to triple line 81	\$
Penalty enhancements for number of prior violations within past seven years from Table 3				
92	One		\$1,000	\$
93	Two		\$2,000	\$
94	Three		\$3,000	\$
95	Four		\$4,000	\$

	LP-Gas Rule/Statute	General Description	Typical Minimum Penalty Amount/Range	Penalty Tally
96	Five or more		\$5,000	\$
Penalty enhancements for amount of penalties within past seven years from Table 4				
97	Less than \$10,000		\$1,000	\$
98	Between \$10,000 and \$25,000		\$2,500	\$
99	Between \$25,000 and \$50,000		\$5,000	\$
100	Between \$50,000 and \$100,000		\$10,000	\$
101	Over \$100,000		10% of total amount	\$
102	Subtotal: Line 89 amt. plus amts. on line 90 through 101, inclusive			\$
103	Reduction for demonstrated good faith of person charged			\$
104	TOTAL PENALTY AMOUNT: amount on line 102 less any amount shown on line 103			\$

Figure: 16 TAC §9.26(a)

§9.26. INSURANCE REQUIREMENTS
TABLE 1 (Revised January 2020)

Category of License	Type of Coverage	
All Except P	Workers' Compensation, including Employer's Liability or Alternative to Workers' Compensation including Employer's Liability, or Accident/Health insurance coverage: Medical expenses in the principal amount of at least \$150,000; accidental death benefits in the principal amount of at least \$100,000; loss of limb or sight on a scale based on principal amount of at least \$100,000; loss of income based on at least 60% of employee's pre-injury income for at least 52 weeks, subject to a maximum weekly wage calculated annually by the Texas Workforce Commission	
A, A1, A1, B, C, E, O, H, J, and Registered Manufacturers	General liability coverage including: premises and operations in an amount of at least \$300,000 per occurrence and \$300,000 aggregate	
A, A1, A2, B, C, E, O, and Registered Manufacturers	Completed operations or products liability insurance, or both, in an amount of at least \$300,000 aggregate	
D, F, G, I, K, L, M, N, P	General liability coverage including: premises and operations in an amount of at least \$25,000 per occurrence with a \$50,000 policy aggregate	
C, E, H, J, Ultimate Consumer	Motor vehicle coverage: minimum \$500,000 (\$300,000 for state agencies) combined single limit for bodily injuries to or death of all persons injured or killed in any one accident, and loss or damage to property of others in any one accident	

§9.140. Uniform Protection Standards

Table 1 (Revised February 2008)

Requirements	Self-service Dispenser Area	Storage Racks for DOT Portable or Forklift Containers	Licensee or Non-Licensee ASME 4001+ Gal. A.W.C.	Any Licensee Installation (DOT Container Filling and/or Service Station Only)
1. Red letters at least 2" high (or at least 1 1/4" high for storage racks for DOT portable or forklift cylinders) on white or aluminum background: NO SMOKING	*	*	*	*
2. Red letters at least 4" high on white or aluminum background: WARNING FLAMMABLE GAS			*	
3. Black letters at least 4" high: NO TRESPASSING AUTHORIZED PERSONNEL ONLY			*	
4. Letters at least 1/2" high: EXTINGUISH ALL PILOT LIGHTS AND OPEN FLAMES; VEHICLE MUST BE VACATED DURING FILLING PROCESS; TURN OFF ENGINE	*			*
5. Letters at least 2" high on each operating side of the dispenser: PROPANE	*			
6. Block letters at least 2" high on a background of contrasting color to the letters, including instructions on activation and visible from the point of transfer: PROPANE (or LP-GAS) EMERGENCY SHUTOFF	*		*	*
7. Letters at least 4" high on container or 1 1/4" high on cylinder exchange or storage rack indicating contents: LP-GAS or BUTANE or PROPANE and FLAMMABLE		*	*	*
8. Letters at least 4" high on a background of contrasting color to the letters, marked on both sides or both ends of any container holding unodorized gas: NOT ODORIZED			*	*
9. Letters at least 4" high: Name of Licensee (not required for nonlicensee installations)			*	*
10. Letters at least 2" high on operating end of container: W.P. _____, WORKING PRESSURE _____, or WORK PRESS. _____			*	*
11. If more than one container, letters at least 2" high on operating end of each container: CONTAINER NO. _____ or TANK NO. _____			*	*

12. Letters at least 2" high on a background of contrasting color, readily visible to the public, stating: 24-Hour Emergency Number _____ (not required at non-licensee installations)	*	*	*	*
13. Lettering at least 3/4" high with the telephone number of the certified employee responsible for the outlet, and/or the operations supervisor, on a background of contrasting color, readily visible to the public (not required at nonlicensee installations)	*		*	*

Figure: 16 TAC §9.313

NFPA 54 Sections with Additional Requirements or Not Adopted (Effective September 1, 2020)		
Affected NFPA 54 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments
Chapter 7	additional requirements	See Commission rule §9.308, Identification of Piping Installation
9.1.3	additional requirements	See Commission rule §9.307, Identification of Converted Appliances.
9.6.2	additional requirements	See Commission rule §9.311(a), Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.
10.22.3	additional requirements	See Commission rule §9.306, Room Heaters in Public Buildings.
10.28	not adopted	See Commission rule §9.303, Exclusion of NFPA 54, §10.28

Figure: 16 TAC §9.403(a)

§9.403 Table--Sections in NFPA 58, 2017 Edition, Not Adopted by Reference, or Adopted With Changes, Additional Requirements, or Corrections (Effective September 1, 2020)

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
3.2.2	additional requirement	In addition to definition for "Authority Having Jurisdiction," see Commission rule §9.402(a), Clarification of Certain Terms Used in NFPA 58.
4.3.1	not adopted	See Commission rules §9.27, Application for an Exception to a Safety Rule, and §9.101, Filings Required for Stationary LP-Gas Installations.
4.3.3	additional requirement	See Commission rule §9.101(b), Filings Required for Stationary LP-Gas Installations.
4.4	additional requirement	See Commission rules §§9.8, Requirements and Application for a New Certificate and 9.51, General Requirements for Training and Continuing Education.
5.2.1.1	additional requirement	See Commission rules §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping, and §9.137, Inspection of Containers at Each Filling.
5.2.1.11	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
5.2.2	additional requirement	See Commission rules §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping, and §9.137, Inspection of Containers at Each Filling.
5.2.4.2	additional requirement	See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.
5.2.8.1	additional requirement	See Commission rules §9.140(g), Table 1, System Protection Requirements, and §9.141(e), Uniform Safety Requirements.
5.2.8.3 (A) and (B)	not adopted	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.
5.2.8.3(C)	additional requirement	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.
5.2.8.5	with changes	All containers that contain unodorized LP-gas products shall be marked "NOT ODORIZED" or " <u>NON-ODORIZED</u> ".
5.9.2.5(A)	additional requirement	See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
5.9.4.1	additional requirement	See Commission rule §9.143(c), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
Table 5.9.4.1(B)	with changes	Heading: Container Connection and Appurtenance Requirements [for Containers Used in Other Than Bulk Plants and Industrial Plants]
5.9.4.2	not adopted	See Commission rule §9.126(d), Appurtenances and Equipment.
Table 5.9.4.2	not adopted	See Commission Rule §9.126(d), Appurtenances and Equipment.
5.9.7.1	with changes	Other container openings shall be equipped with any of the following: (1) - (5) no change) <u>(6) For reducing the size of a container opening, only one bushing with a minimum pressure rating in accordance with Table 5.11.4.1 shall be installed.</u>
5.11.5	additional requirement	See Commission rule §9.308(d), Installation of Piping.
5.11.6	additional requirement	See Commission rule §9.143(g), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
5.11.6.5	additional requirement	See Commission rule §9.311, Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.
5.23	additional requirement	See Commission rule §9.307, Identification of Converted Appliances.
6.2.2	with changes	LP-Gas containers shall be allowed in buildings only for the following applications: (1) - (7) (no change) [(8) Cylinders awaiting use, resale, or exchange when stored in accordance with Sections 8.2 and 8.3.]
6.4.1.1	additional requirement	See Commission rule §9.142, LP-Gas Container Storage and Installation Requirements.
6.4.1.2	not adopted	
6.5.1.1	with changes	Where [storage] containers [having an aggregate water capacity of more than 4000 gal (15.1 m³)] are located in heavily populated or congested areas, the siting provisions of 6.4.1.1 and Table 6.4.1.1 shall be permitted to be modified [as indicated] by the [fire safety analysis described in 6.29.3] Commission.
6.5.4.1	additional requirement	See Commission rule §9.141(f), Uniform Safety Requirements.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.8.1.2	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.1.4	additional requirement	See Commission rule §9.141(a), Uniform Safety Requirements.
6.8.2.1	with changes	Cylinders shall be installed only aboveground and shall be set upon a firm foundation <u>of concrete, masonry, or metal</u> and [or otherwise] be firmly secured <u>against displacement</u> . (See 6.6.2.2)
6.8.3.1	with changes	Horizontal ASME containers designed for permanent installation in stationary aboveground service shall be placed on masonry or other noncombustible structural supports located on concrete or masonry foundations with the container supports. <u>Containers shall not be in contact with the soil.</u>
6.8.6.1(A) – (E)	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.6.1(I)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.8.6.2(A)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.8.6.2(F)	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.8.6.3(F)	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.10.2.3	with changes	Single-stage regulators shall not be installed in fixed piping systems <u>on or after February 1, 2001</u> [June 30, 1997], except for installations covered in 6.10.2.4.
6.11.3.10	with changes	Aboveground piping shall be supported and protected against physical damage [by vehicles].
6.11.3.14	additional requirement	See Commission rule §9.116, Container Corrosion Protection System.
6.11.3.16	with changes	Underground metallic piping, tubing or both that convey LP-Gas from <u>an underground partially buried or mounded</u> [a] gas storage container shall be provided with dielectric fittings installed above ground and outdoors at the building to electrically isolate it from the aboveground portion of the fixed piping system that enters a building.
6.11.6.1	additional requirement	See Commission rule §9.143, Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
6.11.6.3	with changes	Flexible metallic connectors shall not exceed 5 ft (1.5m) in overall length when used with liquid or vapor piping on stationary containers [of 2000 gal (7.6 m³) water capacity or less].

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.13.1	with changes	The requirements of 6.13.2 through 6.13.5 shall be required for internal valves in liquid <u>and/or vapor</u> service installed in containers of over 4000-gal (15.2-m3) water capacity by July 1, 2003.
6.13.2	with changes	Internal valves shall be installed in accordance with <u>Commission rule §9.126(d)</u> [5.9.4.2 and Table 5.9.4.2] on containers over 4000 gal (15.2 m3) water capacity.
6.13.3.1	with changes	Automatic shutdown of internal valves in liquid <u>and/or vapor</u> service shall be provided using thermal (fire) actuation.
6.13.4.1	with changes	At least one remote shutdown station for internal valves in liquid <u>and/or vapor</u> service shall be installed in accordance with the following: (1)-(3) no change
6.13.5	not adopted	See Commission rule §9.140(g), System Protection Requirements, Table 1.
6.14	not adopted	See Commission rule §9.143, Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.
6.19.2	additional requirement	See Commission rule §116, Container Corrosion Protection System.
6.19.4	not adopted	
6.21.1	additional requirement	See Commission rule §9.113, Installation and Maintenance.
6.21.4.2	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.22.3.2(3)	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.22.9.3	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
6.22.9.4	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
6.25.2.4	with changes	The provision of 6.25.2.2 shall not apply to fixed electrical equipment at residential [or commercial] installations of LP-Gas systems or to systems covered by Section 6.26.
6.27.3.7	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
6.27.3.8	with changes	The container liquid withdrawal opening used with <u>retail operated</u> vehicle fuel dispensers and <u>retail operated</u> dispensing stations shall be equipped with one of the following: (1) – (2) (No change)

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
6.27.3.13	with changes	Vehicular barrier protection (VBP) shall be provided for containers serving dispensers where those containers are located within 10 ft (3 m) of a vehicle thoroughfare or parking location in accordance with <u>§9.140(d), System Protection Requirements</u> [6.27.3.13(A) or 6.27.3.13(B)]. (A)-(B) not adopted
6.27.3.14	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.27.3.15	additional requirement	See Commission rule §9.140(d), System Protection Requirements.
6.27.3.16	with changes	A listed quick-acting shutoff valve <u>or a listed quarter turn ball valve with a locking handle</u> shall be installed at the discharge end of the transfer hose.
6.27.3.17	additional requirement	See Commission rule §9.140, System Protection Requirements, Table 1.
6.27.4.1	additional requirement	See Commission rule §9.141(b)(3), Uniform Safety Requirements.
6.27.4.2	additional requirement	See Commission rule §9.141(b), Uniform Safety Requirements.
6.29.1	with changes	Section 6.29 shall apply to fire protection for industrial plants, bulk plants and dispensing systems <u>with an aggregate water capacity greater than 4,000 gallons.</u>
6.29.3.1	with changes	Fire protection shall be provided for installations with an aggregate water capacity of <u>10,000 gallons or more</u> [than 4000 gal (15.2 m³)] and for ASME containers on roofs.
6.29.3.2	with changes	The modes of fire protection shall be specified in a written fire safety analysis for new installations, for existing installations that have an aggregate water capacity of <u>10,000 gallons or more</u> [than 4000 gal (15.2 m³)], and for ASME containers on roofs. Existing installations shall comply with this requirement <u>within two years of the effective date of the amendments to §9.403, Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements</u> [within 2 years of the effective date of this code].
6.29.3.3	with changes	The fire safety analysis shall be submitted by the owner, operator, or their designee to the authority having jurisdiction, <u>upon request</u> , and local emergency responders.
6.30	with changes	Alternate Provisions for Installation of <u>Underground and Mounded ASME Containers</u>
7.2.2.16	<u>additional requirement</u>	<u>See Commission rule §9.137, Inspection of Cylinders at Each Filling</u>
7.2.3.8	additional requirement	See Commission rule §9.143(c)(2), Piping and Valve Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
7.4.2.1	additional requirement	See Commission rule §9.136, Filling of DOT Containers.
7.4.3.1	with changes	The volumetric method shall be limited to the following containers, where they are designed and equipped for filling by volume: [(1) Cylinders of less than 200 lb (91 kg) water capacity that are not subject to DOT jurisdiction] (2) Cylinders of 101 lb LP-gas capacity [200 lb (91 kg) water capacity] or more (3) Cargo tanks or portable tanks (4) ASME and API-ASME containers complying with 5.2.1.1 or 5.2.4.2
8.2.1.1	additional requirement	See Commission rule §9.140(c), System Protection Requirements.
8.3.1	not adopted	
Table 8.3.1(a)	not adopted	
Table 8.3.1(b)	with changes	Heading: Maximum Allowable Storage Quantities of LP-Gas in [Mercantile,] Industrial, and Storage Occupancies Column (2) (Mercantile) Not Adopted
8.3.2	not adopted	See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.
8.4.1.1	additional requirement	See Commission rule §9.141(i), Uniform Safety Requirements.
8.4.2.2	additional requirement	See Commission rule §9.140(h), System Protection Requirements.
8.4.3	not adopted	See Commission rule §9.27, Application for an Exception to a Safety Rule.
8.5.5	not adopted	See Commission rule §9.141(i), Uniform Safety Requirements.
9.4.6.2	additional requirement	See Commission rule §9.211, Markings.
9.4.8	with changes	<u>Any unit registered with the Commission</u> [Each cargo tank vehicle or trailer] shall utilize a wheel stop, in addition to the parking or hand brake, whenever the <u>unit</u> [cargo tank vehicle] is loading, unloading or parked, <u>to prevent the unit from unintended movement.</u>
9.6.2.2	with changes	<u>Valves and fittings shall be protected by a method</u> [approved by the authority having jurisdiction] <u>to minimize the possibility of damage.</u>
11.2	additional requirement	See Commission rules §§9.8, Requirements and Application for a New Certificate and 9.51, General Requirements for LP-Gas Training and Continuing Education.
11.3.4(A)	not adopted	See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.

Affected NFPA 58 Section	Specific Action	Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)
12.3.4.2	with changes	The label marking shall consist of a border and the word PROPANE in letters not less than 1 in. (25 mm) in height, centered in the diamond, of silver or white reflective luminous material on a black or <u>Pantone 2945 C Royal Blue or equivalent</u> background.
12.5.4(5)	additional requirement	Each specific mounting bracket shall be marked in a visible location, to indicate the manufacturer of the bracket.
12.5.13(2)	additional requirement	See Commission rule §9.211(b), Markings.
Chapter 14	not adopted	Commission authority does not extend to marine shipping and receiving activities.
15.1	with changes	Scope. This chapter includes requirements related to the operations and maintenance of bulk plant, industrial plant, [refrigerated, marine] and pipeline LP-Gas systems. The provisions of this chapter apply to all new and existing installations. <u>Bulk plants and industrial plants with an aggregate water capacity of 10,000 gallons or more and all pipeline LP-Gas systems shall comply with this chapter. Existing installations shall comply within one year of the effective date of the amendments to §9.403, Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements.</u>