

**TITLE 16. ECONOMIC REGULATION**  
**PART 1. RAILROAD COMMISSION OF TEXAS**  
**CHAPTER 9. LP-GAS SAFETY RULES**  
**SUBCHAPTER A. GENERAL REQUIREMENTS**

*§9.1. Application of Rules, Severability, and Retroactivity.*

(a) The LP-Gas Safety Rules apply to the location and operation of liquefied petroleum gas systems, equipment, and appliances. These standards also apply to truck and railcar loading racks, but do not apply to marine terminals, natural gasoline plants, refineries, tank farms, gas manufacturing plants, plants engaged in processing liquefied petroleum gases, or to railcar loading racks used in connection with these excluded establishments.

(1) Subchapter A, General Requirements, applies to various types of LP-gas activities, including licensing, examination, and training requirements.

(2) Subchapter B, LP-Gas Installations, Containers, Appurtenances, and Equipment Requirements, applies to proposed and existing LP-gas installations, containers, and equipment, including cylinder exchange racks.

(3) Subchapter C, Vehicles and Vehicle Dispensers, applies to transports and bobtails that deliver LP-gas, and school buses and other vehicles that are powered by LP-gas.

(4) Subchapter D, Adoption by Reference of NFPA 54 (*National Fuel Gas Code*), applies to the adoption by reference of NFPA 54 and specifies additional or alternative requirements from those found in NFPA 54.

(5) Subchapter E, Adoption by Reference of NFPA 58 (*LP-Gas Code*), applies to the adoption by reference of NFPA 58 and specifies additional or alternative requirements from those found in NFPA 58.

(b) If any term, clause, or provision of these rules is for any reason declared invalid, the remainder of the provisions shall remain in full force and effect, and shall in no way be affected, impaired, or invalidated.

(c) Nothing in these rules shall be construed as requiring, allowing, or approving the unlicensed practice of engineering or any other professional occupation requiring licensure.

(d) Unless otherwise stated, the *LP-Gas Safety Rules* are not retroactive.

(e) As stated in Texas Natural Resources Code, Chapter 113, any LP-gas container with a water capacity of one gallon or less, or any LP-gas piping system, or appliance attached or connected to such a container is exempt from the *LP-Gas Safety Rules*, including any adopted NFPA pamphlets. For the purpose of consistency, the figure of 4.20 lb is used to determine the weight of one gallon of LP-gas. The omission of a specific NFPA 58 pamphlet or any other NFPA rule containing any such applicable language

from Table 1 of §9.403 of this title (relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted With Changes, Additional Requirements, or Corrections) is inadvertent and shall not be read or understood as requiring or allowing any such size of LP-gas container to comply with the adopted LP-gas safety rule requirements.

(f) This chapter shall not apply to vehicles and fuel supply containers that:

(1) are manufactured or installed by original equipment manufacturers;

(2) comply with Title 49, Code of Federal Regulations, the Federal Motor Vehicle Safety Standards; and

(3) comply with the National Fire Protection Association (NFPA) Code 58, *Liquefied Petroleum Gas Code*.

(g) Vehicles and fuel supply containers excluded from the requirements of this chapter pursuant to subsection (f) of this section shall comply with the requirements of §9.203 of this title, relating to School Bus, Public Transportation, Mass Transit, and Special Transit Vehicle Installations and Inspections, and the Commission's exception to NFPA 58 §11.4.1.5 in Table 1 in §9.403(a), relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements.

*The provisions of this §9.1 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective July 28, 2003, 28 TexReg 5867; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*

*§9.2. Definitions.* In addition to the definitions in any adopted NFPA pamphlets, the following words and terms, when used in this chapter, shall have the following meanings, unless the context clearly indicates otherwise.

(1) Advanced field training (AFT)--The final portion of the training or continuing education requirements in which an individual shall successfully perform the specified LP-gas activities in order to demonstrate proficiency in those activities.

(2) AED--The Commission's Alternative Energy Division.

(3) AFRED--The organizational unit of the AED that administers the Commission's alternative fuels research and education program, including LP-gas certification, exempt registration, training, and continuing education programs.

(4) AFT materials--The portion of a Commission training module consisting of the four sections of the Railroad Commission's LP-Gas Qualifying Field Activities, including General Instructions, the Task Information, the Operator

Qualification Checklist, and the Railroad Commission/Employer Record.

(5) Aggregate water capacity (AWC)--The sum of all individual container capacities measured by weight or volume of water which are placed at a single installation location.

(6) Applicant--An individual:

(A) who is applying for a new certificate; or

(B) whose certification has lapsed for a period of less than two years and who is applying to restore certification by paying any applicable fees and by completing any applicable training or continuing education requirements.

(7) Bobtail driver--An individual who operates an LP-gas cargo tank motor vehicle of 5,000 gallons water capacity or less in metered delivery service.

(8) Breakaway--The accidental separation of a hose from a cylinder, container, transfer equipment, or dispensing equipment, which could occur on a cylinder, container, transfer equipment, or dispensing equipment whether or not they are protected by a breakaway device.

(9) Categories of LPG activities--The LP-gas license categories as specified in §9.6 of this title (relating to Licenses and Fees).

(10) Certificate holder--An individual:

(A) who has passed the required management-level qualification examination, satisfactorily completed any applicable training or continuing education requirements as specified in §9.52 of this title (relating to Training and Continuing Education Courses), and paid the applicable fee;

(B) who has passed the required employee-level qualification examination, paid the applicable fees, and complied with the training or continuing education requirements in §9.52 of this title;

(C) who has passed the required employee-level qualification examination, has paid the applicable fee, and is required to comply with a training requirement as specified in §9.52 of this title;

(D) who holds a current reciprocal examination exemption pursuant to §9.18 of this title (relating to Reciprocal Examination Agreements with Other States); or

(E) who holds a current examination exemption certificate pursuant to §9.13 of this title (relating to General Installers and Repairman Exemption).

(11) Certified--Authorized to perform LP-gas work as set forth in the Texas Natural Resources Code. Employee certification alone does not allow an individual to perform those activities which require licensing.

(12) CETP--The Certified Employee Training Program offered by the Propane Education and

Research Council (PERC), the National Propane Gas Association (NPGA), or their authorized agents or successors.

(13) Commercial installation--An LP-gas installation located on premises other than a single family dwelling used as a residence, including but not limited to a retail business establishment, school, bulk storage facility, convalescent home, hospital, retail LP-gas cylinder filling/exchange operation, service station, forklift refueling facility, private motor/mobile fuel cylinder filling operation, a microwave tower, or a public or private agricultural installation.

(14) Commission--The Railroad Commission of Texas.

(15) Company representative--The individual designated to the Commission by a license applicant or a licensee as the principal individual in authority and, in the case of a licensee other than a Category P licensee, actively supervising the conduct of the licensee's LP-gas activities.

(16) Container delivery unit--A vehicle used by an operator principally for transporting LP-gas in cylinders.

(17) Continuing education--Courses required to be successfully completed at least every four years by certain certificate holders.

(18) Director--The director of the AED or the director's delegate.

(19) DOT--The United States Department of Transportation.

(20) Employee--An individual who renders or performs any services or labor for compensation, including individuals hired on a part-time or temporary basis, on a full-time or permanent basis, or, for purposes of this chapter, an owner-employee.

(21) Interim approval order--The authority issued by the Railroad Commission of Texas following a public hearing allowing construction of an LP-gas installation.

(22) Leak grades--An LP-gas leak that is:

(A) a Grade 1 leak that represents an existing or probable hazard to persons or property, and requires immediate repair or continuous action until the conditions are no longer hazardous; or

(B) a Grade 2 leak that is recognized as being nonhazardous at the time of detection, but requires a scheduled repair based on a probable future hazard.

(23) Licensed--Authorized to perform LP-gas activities through the issuance of a valid license.

(24) Licensee--A person which has applied for and been granted an LP-gas license by the Commission, or who holds a master or journeyman plumber license from the Texas State Board of Plumbing Examiners or a Class A or B Air Conditioning and Refrigeration Contractors License from the Texas Department of

Licensing and Regulation and has properly registered with the Commission.

(25) LP-Gas Operations--The organizational unit of the AED that administers the LP-gas safety program, including licensing, truck registration, installation approvals, complaint and accident investigations, inspections of stationary installations and vehicles, and code enforcement.

(26) LP-Gas Safety Rules--The rules adopted by the Railroad Commission in the Texas Administrative Code, Title 16, Part 1, Chapter 9, including any NFPA or other documents adopted by reference. The official text of the Commission's rules is that which is on file with the Secretary of State's office and available at [www.sos.state.tx.us](http://www.sos.state.tx.us) or through the Commission's web site at [www.rrc.state.tx.us](http://www.rrc.state.tx.us).

(27) LP-gas system--All piping, fittings, valves, and equipment, excluding containers and appliances, that connect one or more containers to one or more appliances that use or consume LP-gas.

(28) Mass transit vehicle--Any vehicle which is owned or operated by a political subdivision of a state, city, or county, used primarily in the conveyance of the general public.

(29) Mobile fuel container--An LP-gas container mounted on a vehicle to store LP-gas as the fuel supply to an auxiliary engine other than the engine to propel the vehicle or for other uses on the vehicle.

(30) Mobile fuel system--An LP-gas system, excluding the container, to supply LP-gas as a fuel to an auxiliary engine other than the engine to propel the vehicle or for other uses on the vehicle.

(31) Motor fuel container--An LP-gas container mounted on a vehicle to store LP-gas as the fuel supply to an engine used to propel the vehicle.

(32) Motor fuel system--An LP-gas system, excluding the container, which supplies LP-gas to an engine used to propel the vehicle.

(33) MPS gas (Methylacetylene-propadiene, stabilized)--A mixture of gases in the liquid phase and as defined in Texas Natural Resources Code, Chapter 113, §113.002(4).

(34) Noncorrosive--Corrosiveness of gas which does not exceed the limitation for Classification 1 of ASTM International (ASTM) Copper Strip Classifications when tested in accordance with ASTM D 1834-64, "Copper Strip Corrosion of Liquefied Petroleum (LP) Gases."

(35) Nonspecification unit--An LP-gas transport not constructed to DOT MC-330 or MC-331 specifications but which complies with the exemption in 49 Code of Federal Regulations §173.315(k). (See also "Specification unit" in this section.)

(36) Operations supervisor--The individual who is certified by the Commission to actively supervise a licensee's LP-gas operations and is

authorized by the licensee to implement operational changes.

(37) Outlet--A site operated by an LP-gas licensee from which any regulated LP-gas activity is performed.

(38) Outside instructor--An individual, other than a Commission employee, approved by AFRED to teach certain LP-gas training or continuing education courses.

(39) Person--An individual, partnership, firm, corporation, joint venture, association, or any other business entity, a state agency or institution, county, municipality, school district, or other governmental subdivision, or licensee, including the definition of "person" as defined in the applicable sections of 49 CFR relating to cargo tank hazardous material regulations.

(40) Portable cylinder--A receptacle constructed to DOT specifications, designed to be moved readily, and used for the storage of LP-gas for connection to an appliance or an LP-gas system. The term does not include a cylinder designed for use on a forklift or similar equipment.

(41) Property line--The boundary which designates the point at which one real property interest ends and another begins.

(42) Public transportation vehicle--A vehicle for hire to transport persons, including but not limited to taxis, buses (excluding school buses and mass transit or special transit vehicles), or airport courtesy vehicles.

(43) Recreational vehicle--A vehicular-type unit primarily designed as temporary living quarters for recreational, camping, travel, or seasonal use that either has its own motive power or is mounted on, or towed by, another vehicle.

(44) Register (or registration)--The procedure to inform the Commission of the use of an LP-gas transport or container delivery unit in Texas.

(45) Repair to container--The correction of damage or deterioration to an LP-gas container, the alteration of the structure of such a container, or the welding on such container in a manner which causes the temperature of the container to rise above 400 degrees Fahrenheit.

(46) Rules examination--The Commission's written examination that measures an examinee's working knowledge of Chapter 113 of the Texas Natural Resources Code and/or the current LP-Gas Safety Rules.

(47) School--A public or private institution which has been accredited through the Texas Education Agency or the Texas Private School Accreditation Commission.

(48) School bus--A vehicle that is sold or used for purposes that include carrying students to and from school or related events.

(49) Self-service dispenser--A listed device or approved equipment in a structured cabinet for dispensing and metering LP-gas between containers that must be accessed by means of a locking device such as a key, card, code, or electronic lock, and which is operated by a certified employee of an LP-gas licensee or an ultimate consumer trained by an LP-gas licensee.

(50) Special transit vehicle--A vehicle designed with limited passenger capacity which is used by a school or mass transit authority for special transit purposes, such as transport of mobility impaired persons.

(51) Specification unit--An LP-gas transport constructed to DOT MC-330 or MC-331 specifications. (See also "Nonspecification unit" in this section.)

(52) Subframing--The attachment of supporting structural members to the pads of a container, excluding welding directly to or on the container.

(53) Trainee--An individual who has not yet taken and passed an employee-level rules examination.

(54) Training--Courses required to be successfully completed as part of an individual's requirements to obtain or maintain certain certificates.

(55) Transfer--The procedure to inform LP-Gas Operations of a change in operator of an LP-gas transport or container delivery unit already registered with LP-Gas Operations.

(56) Transfer system--All piping, fittings, valves, pumps, compressors, meters, hoses, bulkheads, and equipment utilized in dispensing LP-gas between containers.

(57) Transport--Any bobtail or semitrailer equipped with one or more containers.

(58) Transport driver--An individual who operates an LP-gas trailer or semi-trailer equipped with a container of more than 5,000 gallons water capacity.

(59) Transport system--Any and all piping, fittings, valves, and equipment on a transport, excluding the container.

(60) Ultimate consumer--The person controlling LP-gas immediately prior to its ignition.

*The provisions of this §9.2 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective August 25, 2003, 28 TexReg 6831; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective May 1, 2006, 31 TexReg 3532; amended to be effective February 12, 2007, 32 TexReg 519; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.3. *LP-Gas Report Forms.* Under the provision of the Texas Natural Resources Code, Chapter 113, the Railroad Commission of Texas has adopted the following forms.

### Railroad Commission of Texas LP-Gas Forms

| Form Number | Form Title  | Creation or Last Revision Date | Applicable Rule Number (16 TAC § _____) or Other Authority            |
|-------------|---|--------------------------------|---|
| LPG Form 1  | Application for LPG License or License Renewal                            | Rev. 7/2012                    | 9.7(f)(1);<br>9.17(a)(1);<br>9.17(a)(5);<br>9.22(a)(1);<br>9.22(c)(1) |
| LPG Form 1A | Outlet List   | Rev. 7/2012                    | 9.7(f)(2)(A);<br>9.17(a)(1);<br>9.17(a)(5);<br>9.22(c)(1)             |
| LPG Form 3  | Liquefied Petroleum Gas License   | n/a                            | 9.6   |
| LPG Form 4  | Liquefied Petroleum Gas Vehicle Identification                            | n/a                            | 9.202(c)  |
| LPG Form 7  | Truck Registration/Re-registration/Transfer                               | Rev. 7/2012                    | 9.7(f)(2)(B);<br>9.22(c)(4);<br>9.202(a)                              |
| LPG Form 8  | Manufacturer's Report of Pressure Vessel Repair, Modification, or Testing | Rev. 7/2012                    | 9.101(f);<br>9.115(b); 9.129(f)                                       |
| LPG Form 8A | Report of DOT Cylinder Repair   | Rev. 7/2012                    | n/a   |
| LPG Form 16 | Application for Examination   | Rev. 7/2012                    | 9.7(f)(2);<br>9.8(a)(1)   |

|               |  |             |                                    |
|---------------|--|-------------|------------------------------------|
| LPG Form 16A  | Certified Employee Transfer Form   | Rev. 7/2012 | 9.11                               |
| LPG Form 16B  | Application for Registration by a Master or Journeyman Plumber or a Class A or B Air Conditioning & Refrigeration Contractor                                       | Rev. 7/2012 | 9.7(f)(2);<br>9.13(a)(4)           |
| LPG Form 16R  | Application for LP-Gas Examination Exemption by Reciprocity Agreement  | Rev. 7/2012 | 9.18(d)(2)                         |
| LPG Form 18   | Affidavit of Lost or Destroyed License   | Rev. 7/2012 | n/a                                |
| LPG Form 18B  | Statement of Lost or Destroyed LPG Form 4 Decal  | Rev. 7/2012 | 9.202(c)(6)                        |
| LPG Form 19   | Transfer of LP-Gas Bulk Storage Plant or Cylinder Filling/Service Station  | Rev. 7/2012 | 9.7(f)(2)(C);<br>9.22(c)(5)        |
| LPG Form 20   | Report of LP-Gas Incident/Accident   | Rev. 7/2012 | 9.36(c)                            |
| LPG Form 22   | Report of LP-Gas Safety Rule Violation   | Rev. 7/2012 | 9.38(a); 9.134                     |
| LPG Form 23   | Statement in Lieu of Container Testing   | Rev. 7/2012 | 9.115                              |
| LPG Form 25   | Application and Notice of Exception to the LP-Gas Safety Rules   | Rev. 7/2012 | 9.27(a)                            |
| LPG Form 28   | Notice of Election to Self-Insure  | Rev. 7/2012 | 9.26(i)(2)                         |
| LPG Form 28A  | Bank Declarations Regarding Irrevocable Letter of Credit   | Rev. 7/2012 | 9.26(i)(2)                         |
| LPG Form 30   | Texas School LP-Gas Leakage Test Report  | Rev. 7/2012 | 9.41                               |
| LPG Form 500  | Application to Install LPG Facility (Aggregate Water Capacity of 10,000 Gallons or More)   | Rev. 7/2012 | 9.101(c)(1);<br>9.102              |
| LPG Form 500A | Notice of Proposed LP-Gas Installation   | Rev. 7/2012 | 9.101(c)(1);<br>9.102              |
| LPG Form 501  | Completion Report for LP-Gas Installations of Less than 10,000 Gallons Aggregate Water Capacity  | Rev. 7/2012 | 9.101(b)(1)                        |
| LPG Form 502  | Application for Commission Identification Nameplate Installation   | Rev. 7/2012 | 9.130(a)(1)                        |
| LPG Form 503  | Notice of Completed Installation of an LP-Gas System on School Bus, Public Transportation, Mass Transit, or Special Transit Vehicle(s)                             | Rev. 7/2012 | 9.7(i)(2)                          |
| LPG Form 505  | Testing Procedures Certification   | Rev. 7/2012 | 9.7(i)(2)                          |
| LPG Form 506  | Polyethylene Pipe/Tubing Heat-Fusion Certification   | Rev. 7/2012 | 9.312                              |
| LPG Form 995  | Certification of Political Subdivision of Self-Insurance for Workers' Compensation, General Liability, and/or Motor Vehicle Liability Insurance                    | Rev. 7/2012 | 9.26                               |
| LPG Form 996B | Statement in Lieu of Insurance Filing Certifying Workers' Compensation Coverage, including Employer's Liability Insurance or Alternative Accident/Health Insurance | Rev. 7/2012 | Table 9.26(a);<br>9.26(b)          |
| LPG Form 997B | Statement in Lieu of Motor Vehicle Bodily Injury Insurance and Property Damage Liability Insurance   | Rev. 7/2012 | Table 9.26(a);<br>9.26(d)          |
| LPG Form 998B | Statement in Lieu of General Liability Insurance and/or Completed Operations or Products Liability Insurance   | Rev. 7/2012 | Table 9.26(a);<br>9.26(e); 9.26(f) |
| LPG Form 999  | Notice of Insurance Cancellation   | Rev. 7/2012 | 9.26(b)                            |

*The provisions of this §9.3 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective March 31, 2003, 28 TexReg 2741; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 28, 2009, 34 TexReg 9405; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.4. Records and Enforcement.**

(a) Records. Each LP-gas licensee or registrant shall retain:

(1) records of pressure tests and leakage tests for at least five years;

(2) a copy of all documentation submitted for an exception to an LP-gas rule pursuant to §9.27 of this title (relating to Application for an Exception to a Safety Rule), including the LP-Gas Operations director's memorandum granting the exception, for as long as the exception is in use; and

(3) a copy of all customer records for at least five years.

(b) Periodic inspection. LP-Gas Operations shall formulate a plan or program for periodic evaluation or inspection of records and facilities owned, operated, or serviced by LP-gas licenses or registrants for the purpose of verifying compliance with this chapter.

(c) Scope of inspection. During normal business hours, an authorized representative of the Commission may, at any reasonable time, inspect the files, records, reports, documents, equipment, transports, and facilities of an LP-gas licensee for the purpose of verifying compliance with this chapter.

(d) Licensee and registrant obligations.

(1) A registrant, officer, employee, or representative of an LP-gas licensee shall cooperate with the Commission and its authorized representatives in the administration and enforcement of the provisions in this chapter, in the determination of compliance with the provisions of this chapter, and in the investigation of violations, complaints alleging violations, and accidents or incidents involving LP-gas.

(2) A registrant, officer, employee, or representative of an LP-gas licensee shall make readily available all files, records, reports, documents and information, and shall make readily accessible all company equipment, property, and facilities as the Commission or its authorized representative may reasonably require in the administration and enforcement of this chapter, and in the investigation of violations, complaints alleging violations, and accidents or incidents involving LP-gas.

(3) Upon request by an authorized representative of the Commission, an LP-gas licensee's officer, employee, or representative, or a registrant shall provide copies of records, files, reports, documents, and information for administration and enforcement of this chapter.

*The provisions of this §9.4 adopted to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.5. Effect of Safety Violations.*

(a) This section implements the provisions of Texas Natural Resources Code, §113.163, and applies to a violation that occurs on or after September 1, 2005.

(b) Except as provided by subsections (e) and (f) of this section, the Commission may not approve an application for an initial or renewal license or registration for an exemption under this chapter if:

(1) the applicant or registrant for an exemption has violated a statute or Commission rule, order, license, permit, or certificate that relates to safety; or

(2) a person who holds a position of ownership or control in the applicant or registrant for an exemption has held a position of ownership or control in another person during the seven years preceding the date on which the application or registration for an

exemption is filed and during that period of ownership or control the other person violated a statute or Commission rule, order, license, permit, or certificate that relates to safety.

(c) An applicant, registrant for an exemption, or other person has committed a violation described by subsection (b) of this section if:

(1) a final judgment or final administrative order finding the violation has been entered against the applicant, registrant for an exemption, or other person and all appeals have been exhausted; or

(2) the Commission and the applicant, registrant for an exemption, or other person have entered into an agreed order relating to the alleged violation.

(d) Regardless of whether the person's name appears or is required to appear on an application or registration for an exemption, a person holds a position of ownership or control in an applicant, registrant for an exemption, or other person if the person is:

(1) an officer, director, general partner, sole owner, or trustee of, or the owner of at least 25 percent of the beneficial interest in the applicant, registrant for an exemption, or other person; or

(2) the applicant, registrant, or other person and has been determined by a final judgment or final administrative order to have exerted actual control over the applicant, registrant, or other person.

(e) The Commission shall approve an application for a license or registration for an exemption under this chapter, if all of the following conditions, if applicable, are met:

(1) the conditions that constituted the violation have been corrected or are being corrected in accordance with a schedule to which the Commission and the applicant, registrant for an exemption, or other person have agreed;

(2) all administrative, civil, and criminal penalties have been paid or are being paid in accordance with a payment schedule to which the Commission and the applicant, registrant for an exemption, or other person have agreed; and

(3) the application or registration for an exemption complies with all other requirements of law and Commission rules.

(f) The Commission may issue a license to an applicant described by subsection (b) of this section or approve a registration for an exemption for a registrant for an exemption described by subsection (b) of this section for a term specified by the Commission if the license or registration for an exemption is necessary to remedy a violation of law or Commission rules.

(g) If the Commission is prohibited by subsection (b) of this section from approving an application for a license or a registration for an exemption or would be prohibited from doing so by that subsection if the

applicant, licensee, or registrant for an exemption submitted an application or registration for an exemption, then the Commission, after notice and opportunity for a hearing, by order may refuse to renew or may revoke a license or registration for an exemption issued to the applicant, licensee, or registrant for an exemption under this chapter.

(1) In determining whether to refuse to renew or to revoke a person's license or registration for an exemption under this subsection, the Commission shall consider the person's history of previous violations, the seriousness of previous violations, any hazard to the health or safety of the public, and the demonstrated good faith of the person.

(2) If an application or registration for an exemption is denied under this subsection, the Commission shall provide the applicant or registrant for an exemption with a written statement explaining the reason for the denial.

(3) An order issued under this subsection must provide the applicant, licensee, or registrant for an exemption a reasonable period to comply with the judgment or order finding the violation before the order takes effect.

(4) The Commission's refusal to renew or revocation of a person's license or registration for an exemption under this subsection does not relieve the person of any existing or future duty under law, rules, or license or registration conditions.

(5) On refusal to renew or revocation of a person's license or registration for an exemption under this subsection, the person may not perform any activities under the jurisdiction of the Commission under this chapter, except as necessary to remedy a violation of law or Commission rules and as authorized by the Commission under a license or registration for an exemption issued under subsection (f) of this section.

(6) A fee tendered in connection with an application or registration for an exemption that is denied under this section is nonrefundable.

(7) The Commission may not revoke or refuse to renew a license or registration for an exemption under this subsection if the Commission finds that the applicant, licensee, or registrant for an exemption has fulfilled the conditions set out in subsection (e) of this section.

*The provisions of this §9.5 adopted to be effective December 19, 2005, 30 TexReg 8428.*

#### *§9.6. Licenses and Fees.*

(a) A prospective licensee may apply to LP-Gas Operations, for one or more licenses specified in subsection (c)(1) - (16) of this section. Fees required to be paid shall be those established by the Commission and in effect at the time of licensing or renewal.

(b) An original manufacturer of a new motor vehicle powered by LP-gas, or a subcontractor of a manufacturer who produces a new LP-gas powered motor vehicle for the manufacturer, is not subject to the licensing requirements of this title, but shall comply with all other *LP-Gas Safety Rules*.

(c) The license categories and fees are as follows.

(1) A Category A license for container manufacturers and/or fabricators authorizes the manufacture, fabrication, assembly, repair, installation, subframing, testing, and sale of LP-gas containers, including LP-gas motor or mobile fuel containers and systems, and the repair and installation of transport and transfer systems. The original license fee is \$1,000; the renewal fee is \$600.

(2) A Category B license for transport outfitters authorizes the subframing, testing, and sale of LP-gas transport containers, the testing of LP-gas storage containers, the installation, testing, and sale of LP-gas motor or mobile fuel containers and systems, and the installation and repair of transport systems and motor or mobile fuel systems. The original license fee is \$400; the renewal fee is \$200.

(3) A Category C license for carriers authorizes the transportation of LP-gas by transport, including the loading and unloading of LP-gas, and the installation and repair of transport systems. The original license fee is \$1,000; the renewal fee is \$300.

(4) A Category D license for general installers and repairmen authorizes the sale, service, and installation of containers, excluding motor fuel containers, and the service, installation, and repair of piping, certain appliances as defined by rule, excluding recreational vehicle appliances and LP-gas systems, and motor fuel and recreational vehicle systems. The service and repair of an LP-gas appliance not required by the manufacturer to be vented to the atmosphere is exempt from Category D licensing. The installation of these unvented appliances to LP-gas systems by means of LP-gas appliance connectors is also exempt from Category D licensing. The original license fee is \$100; the renewal fee is \$70. Additionally, master or journeyman plumbers who are licensed by the Texas State Board of Plumbing Examiners or persons who are licensed with a Class A or B Air Conditioning and Refrigeration Contractors License issued by the Texas Department of Licensing and Regulation may register with AFRED as described in §9.13 of this title (relating to General Installers and Repairman Exemption). The initial registration fee is \$50; the registration renewal fee is \$20.

(5) A Category E license for retail and wholesale dealers authorizes the storage, sale, transportation, and distribution of LP-gas at retail and wholesale dealers, and all other activities included in this section, except the manufacture, fabrication,

assembly, repair, subframing, and testing of LP-gas containers, and except the sale and installation of LP-gas motor or mobile fuel systems that service an engine with a rating of more than 25 horsepower. The original license fee is \$750; the renewal is \$300.

(6) A Category F license for cylinder filling authorizes the operation of a cylinder filling facility, including cylinder filling, the sale of LP-gas in cylinders, and the replacement of cylinder valves. The original license fee is \$100; the renewal fee is \$50.

(7) A Category G license for dispensing stations authorizes the operation of LP-gas dispensing stations filling ASME containers designed for motor or mobile fuel. The original license fee is \$100; the renewal is \$50.

(8) A Category H license for cylinder dealers authorizes the transportation and sale of LP-gas in cylinders. The original license fee is \$1,000; the renewal is \$300.

(9) A Category I license for service stations and cylinder filling authorizes any service station and cylinder activity set out in Category F and Category G of this section. The original license fee is \$150; the renewal is \$70.

(10) A Category J license for service stations and cylinder facilities authorizes the operation of a cylinder filling facility, including cylinder filling and the sale, transportation, installation, and connection of LP-gas in cylinders, the replacement of cylinder valves, and the operation of an LP-gas service station as set out in Category G. The original license fee is \$1,000; the renewal is \$300.

(11) A Category K license for distribution systems authorizes the sale and distribution of LP-gas through mains or pipes, and the installation and repair of LP-gas systems. The original license fee is \$1,000; the renewal is \$300.

(12) A Category L license for engine fuel authorizes the sale and installation of LP-gas motor or mobile fuel containers, and the sale and installation of LP-gas motor or mobile fuel systems. The original license fee is \$100; the renewal is \$50.

(13) A Category M license for recreational vehicle installers and repairmen authorizes the sale, service, and installation of recreational vehicle containers, and the installation, repair, and service of recreational vehicle appliances, piping, and LP-gas systems, including recreational vehicle motor or mobile fuel systems and containers. The original license fee is \$100; the renewal is \$70.

(14) A Category N license for manufactured housing installers and repairmen authorizes the service and installation of containers that supply fuel to manufactured housing, and the installation, repair, and service of appliances and piping systems for

manufactured housing. The original license fee is \$100; the renewal is \$70.

(15) A Category O license for testing laboratories authorizes the testing of LP-gas containers, LP-gas motor fuel systems or mobile fuel systems, transfer systems, and transport systems for the purpose of determining the safety of the containers or systems for LP-gas service, including the necessary installation, disconnection, reconnection, testing, and repair of LP-gas motor fuel systems or mobile fuel systems, transfer systems, and transport systems involved in the testing of containers. The original license fee is \$400; the renewal is \$100.

(16) A Category P license for portable cylinder exchange authorizes the operation of a portable cylinder exchange service, where the sale of LP-gas is within a portable cylinder with an LP-gas capacity not to exceed 21 pounds, where the portable cylinders are not filled on site, and where no other LP-gas activity requiring a license is conducted. The original license fee is \$100; the renewal fee is \$50.

*The provisions of this §9.6 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.7. Application for License and License Renewal Requirements.*

(a) No person shall perform work, directly supervise LP-gas activities, or be employed in any capacity requiring contact with LP-gas unless:

(1) that individual has taken and passed any applicable rules examination specified in §9.10 of this title (relating to Rules Examination) and in §9.17 of this title (relating to Designation and Responsibilities of Company Representatives and Operations Supervisors);

(2) the individual is in compliance with the training and continuing education requirements beginning in §9.51 of this title (relating to General Requirements for Training and Continuing Education), except for a trainee described in §9.12 of this title (relating to Trainees);

(3) prior to performing authorized LP-gas activities in Texas, the individual is employed by a licensee or by a license-exempt entity, such as a political subdivision or a state agency; or

(4) the individual holds a current examination exemption certificate pursuant to §9.13 of this title (relating to General Installers and Repairman Exemption) and is therefore exempt from the requirements of this subsection.

(b) A person exempt from licensing as authorized by Texas Natural Resources Code, §113.081(b), shall not engage in any LP-gas activities in commerce or in business without first obtaining a license.



(c) A state agency or institution, county, municipality, school district, or other governmental subdivision is exempt from licensing requirements as provided in §113.081(g) if the entity is performing work for itself on its own behalf, but is required to be licensed to perform work for or on behalf of a second party.

(d) Licensees, company representatives, and operations supervisors at each outlet shall have copies of all current licenses and certification cards for employees at that location available for inspection during regular business hours. In addition, licensees shall maintain a current version of the LP-Gas Safety Rules and shall provide at least one copy to each company representative and operations supervisor. The copies shall be available to employees during business hours.

(e) Licenses issued under this chapter expire one year after issuance at midnight on the last day of the month prior to the month in which they are issued.

(f) An applicant for a new license shall file with LP-Gas Operations:

(1) a properly completed LPG Form 1 listing all names under which LP-gas related activities requiring licensing are to be conducted and, for licensees engaging in LP-gas product activities as defined in Texas Natural Resources Code, §113.081(a)(4), including a 24-hour emergency response telephone number. Any company performing LP-gas activities under an assumed name ("DBA" or "doing business as" name) shall file copies of the assumed name certificates which are required to be filed with the respective county clerk's office and/or the Secretary of State's office with LP-Gas Operations; and

(2) LPG Form 16 or 16B and any of the following applicable forms:

(A) LPG Form 1A if the applicant will establish any outlets;

(B) LPG Form 7 and any information requested in §9.202 of this title (relating to Registration and Transfer of LP-Gas Transports or Container Delivery Units) if the applicant intends to register any LP-gas transports or container delivery units;

(C) LPG Form 19 if the applicant will be transferring the operation of an existing bulk plant, service station, cylinder filling, or portable cylinder exchange rack installation from another owner or name; and/or

(D) any form required to comply with §9.26 of this title (relating to Insurance and Self-Insurance Requirements);

(3) pay the following fees:

(A) the applicable license fee specified in §9.6 of this title (relating to Licenses and Fees);

(B) transport registration fees specified in §9.202 of this title (relating to Registration and Transfer

of LP-Gas Transports or Container Delivery Units), if the applicant for license intends to operate a transport or container delivery unit; and

(C) the nonrefundable management-level rules examination fee specified in §9.10 of this title (relating to Rules Examination); and

(D) the nonrefundable fee for any required training course as specified in §9.51 of this title (relating to General Requirements for Training and Continuing Education).

(g) An applicant for license shall not engage in LP-gas activities governed by the Texas Natural Resources Code, Chapter 113, and the LP-Gas Safety Rules, until it has employed a company representative and/or operations supervisor who has passed the management-level rules examination specified in §9.10 of this title (relating to Rules Examination) with a score of at least 75% and who has completed any required training in §9.51 and §9.52 of this title (relating to General Requirements for Training and Continuing Education; and Training and Continuing Education Courses), or who has obtained a General Installers and Repairman Exemption as specified in §9.13 of this title (relating to General Installers and Repairman Exemption). Company representatives and operations supervisors shall also comply with §9.17 of this title (relating to Designation and Responsibilities of Company Representatives and Operations Supervisors).

(h) For license renewals, LP-Gas Operations shall notify the licensee in writing at the address on file with LP-Gas Operations of the impending license expiration at least 30 calendar days before the date a person's license is scheduled to expire. The renewal notice shall include copies of LPG Forms 1, 1A, and 7, whichever are applicable, showing the information currently on file. Renewals shall be submitted to LP-Gas Operations with any necessary changes clearly marked on the forms. Licensees engaging in LP-gas product activities as defined in Texas Natural Resources Code, §113.081(a)(4), shall include on LPG Form 1 a 24-hour emergency response telephone number, if not previously submitted, along with the license renewal fee specified in §9.6 of this title (relating to Licenses and Fees) and any applicable transport registration fee specified in §9.202 of this title (relating to Registration and Transfer of LP-Gas Transports or Container Delivery Units) on or before the last day of the month in which the license expires in order for the licensee to continue LP-gas activities. Failure to meet the renewal deadline set forth in this section shall result in expiration of the license. If a person's license expires, that person shall immediately cease performance of any LP-gas activities authorized by the license. After verification, if the licensee has met all other requirements for licensing, LP-Gas Operations shall

renew the license, and the person may resume LP-gas activities.

(1) If a person's license has been expired for 90 calendar days or fewer, the person shall submit a renewal fee that is equal to 1 1/2 times the renewal fee required by §9.6 of this title. Upon receipt of the renewal fee, LP-Gas Operations shall verify that the person's license has not been suspended, revoked, or expired for more than one year. After verification, if the licensee has met all other requirements for licensing, LP-Gas Operations shall renew the license, and the person may resume LP-gas activities.

(2) If a person's license has been expired for more than 90 calendar days but less than one year, the person shall submit a renewal fee that is equal to two times the renewal fee required by §9.6 of this title. Upon receipt of the renewal fee, LP-Gas Operations shall verify that the person's license has not been suspended, revoked, or expired for more than one year. After verification, if the licensee has met all other requirements for licensing, LP-Gas Operations shall renew the license, and the person may resume LP-gas related activities.

(3) If a person's license has been expired for one year or more, that person shall not renew, but shall comply with the requirements for issuance of an original license.

(4) A person who was licensed in this state, moved to another state, and is currently licensed and has been in practice in the other state for the two years preceding the date of application may obtain a new license without reexamination. The person shall pay to LP-Gas Operations a fee that is equal to two times the renewal fee required by §9.6 of this title.

(A) As a prerequisite to licensing pursuant to this provision, the person shall submit, in addition to an application for licensing, proof of having been in practice and licensed in good standing in another state continuously for the two years immediately preceding the filing of the application;

(B) A person licensed under this provision shall be required to comply with all requirements of licensing other than the examination requirement, including but not limited to the insurance requirements as specified in §9.26 of this title (relating to Insurance Requirements) and the continuing education and training requirements as specified in §9.51 of this title (relating to General Requirements for Training and Continuing Education).

(i) Applicants for license or license renewal in the following categories shall comply with these additional requirements:

(1) An applicant for a Category A license or renewal shall file with LP-Gas Operations for each of its outlets legible copies of:

(A) its current Department of Transportation (DOT) authorization. A licensee shall not continue to operate after the expiration date of the DOT authorization; and/or

(B) its current American Society of Mechanical Engineers (ASME) Code, Section VIII certificate of authorization.

(2) An applicant for a Category B or O license or renewal shall file with LP-Gas Operations a properly completed LPG Form 505 certifying that the applicant will follow the testing procedures indicated. The company representative designated on the licensee's LPG Form 1 shall sign the LPG Form 505.

(3) An applicant for Category A, B, or O license or renewal who tests tanks, subframes LP-gas cargo tanks, or performs other activities requiring DOT registration shall file with LP-Gas Operations a copy of any applicable current DOT registrations. Such registration shall comply with Title 49, Code of Federal Regulations, Part 107 (Hazardous Materials Program Procedures), Subpart F (Registration of Cargo Tank and Cargo Tank Motor Vehicle Manufacturers and Repairers and Cargo Tank Motor Vehicle Assemblers).

*The provisions of this §9.7 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 12, 2007, 32 TexReg 519; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### §9.8. Application for a New Certificate.

(a) An applicant for a new certificate shall:

(1) file with AFRED a properly completed LPG Form 16 and the applicable nonrefundable rules examination fee specified in §9.10 of this title (relating to Rules Examination);

(2) pass the applicable rules examination with a score of at least 75%; and

(3) complete any required training and/or AFT in §9.51 and §9.52 of this title (relating to General Requirements for Training and Continuing Education; and Training and Continuing Education Courses).

(b) An individual who holds an employee-level certificate who wishes to obtain a management-level certificate shall comply with the requirements of this section, including training and fees.

*The provisions of this §9.8 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 138.*

#### §9.9. Requirements for Certificate Renewal.

(a) Active status. In order to maintain active status, certificate holders shall comply with the applicable continuing education requirements in this section.

(b) Certificate renewal date. AFRED shall notify licensees of any of their employees' pending renewals and shall notify the individual if not employed by a licensee, in writing, at the address on file with AFRED no later than March 15 of a year for the May 31 renewal date of that year.

(c) Certificate holders shall remit the nonrefundable \$35 annual certificate renewal fee to AFRED on or before May 31 of each year. Individuals who hold more than one certificate shall pay only one annual renewal fee.

(1) Failure to pay the nonrefundable annual renewal fee by the deadline shall result in a lapsed certification. To renew a lapsed certification, the individual shall pay the nonrefundable \$35 annual renewal fee plus a nonrefundable \$20 late-filing fee. Failure to do so shall result in the expiration of the certificate. If a person's certification expires, that person shall immediately cease performance of any LP-gas activities authorized by the certification. If an individual's certificate has been expired for more than two years from May 31 of the year in which certification lapsed, that individual shall comply with the requirements for a new certificate.

(2) Upon receipt of the annual renewal fee and any late-filing penalty, AFRED shall verify that the individual's certification has not been suspended, revoked, or expired for more than two years. After verification, AFRED shall renew the certification and the individual may continue or resume LP-gas activities authorized by that certification.

(d) Continuing education. Certificate holders shall successfully complete the continuing education requirements as specified in §9.51 and §9.52 of this title (relating to General Requirements for Training and Continuing Education, and Training and Continuing Education Courses).

(1) Failure to comply with the continuing education requirements by the assigned deadline shall result in a lapsed certification.

(2) If a certification lapses as specified in paragraph (1) of this subsection, the individual shall pay the \$20 late fee.

*The provisions of this §9.9 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective August 25, 2003, 28 TexReg 6831; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective March 1, 2006, 31 TexReg 843.*

#### §9.10. Rules Examination.

(a) In addition to complying with NFPA §§4.4 and 11.2, an individual who files LPG Form 16 and pays the applicable nonrefundable examination fee may take the

rules examination at the Commission's AFRED Training Center, 6506 Bolm Road, Austin, Texas, between the hours of 8:00 a.m. and 12:00 noon, Monday through Friday, except for state holidays, and at other designated times and locations around the state. Tuesdays and Thursdays are the preferred days for examinations at the AFRED Training Center.

(1) Dates and locations of available Commission LP-gas examinations may be obtained in the Austin offices of AFRED and on the Commission's web site at [www.rrc.state.tx.us](http://www.rrc.state.tx.us), and shall be updated at least monthly. Examinations shall be conducted in Austin and in other locations around the state. Individuals or companies may request in writing that examinations be given in their area. AFRED shall schedule its examinations and locations at its discretion.

(2) Except in a case where a conditional qualification has been requested in writing and approved under §9.17(g) of this title (relating to Designation and Responsibilities of Company Representatives and Operations Supervisors), the Category E, F, G, I, and J management-level rules examination shall be administered only in conjunction with the Category E, F, G, I, and J management-level courses of instruction. Management-level rules examinations other than Category E, F, G, I, and J may be administered on any scheduled examination day.

(3) The Commission may not issue a certification card to an applicant for a management-level certificate that requires completion of a course of instruction until the applicant completes both the required course of instruction and passes the required management-level rules examination.

(4) An applicant for a management-level certificate shall pass the management-level rules examination within two years after completing a required course of instruction. An applicant who fails to pass such an examination within two years of completing such a course shall reapply as a new applicant.

(5) Exam fees.

(A) The nonrefundable management-level rules examination fee (for company representatives and operations supervisors) is \$70.

(B) The nonrefundable employee-level rules examination fee (for employees other than company representatives or operations supervisors) is \$40.

(C) The nonrefundable examination fee shall be paid each time an individual wishes to take the examination.

(D) Individuals who register and pay for a Category E, F, G, I, or J training course as specified in §9.51(f)(2)(A) of this title (relating to General Requirements for Training and Continuing Education)

shall pay the charge specified for the applicable examination.

(6) Time limits.

(A) Effective June 1, 2008, an applicant shall complete the examination within the time limit specified in this paragraph.

(i) The Category E management-level (closed book), Bobtail employee-level (open book), and Service and Installation employee-level (open book) examinations shall be limited to three hours.

(ii) All other categories of management-level examinations and all other employee-level examinations shall be limited to two hours.

(B) The examination proctor shall be the official timekeeper.

(C) An examinee shall submit the examination and the answer sheet to the examination proctor before or at the end of the established time limit for an examination.

(D) The examination proctor shall mark any answer sheet that was not completed within the time limit.

(7) The Commission may offer employee-level LP-Gas Transport Driver, DOT Cylinder Filling, and Motor/Mobile Fuel Dispensing examinations in Spanish or English.

(b) Table 1 of this subsection specifies the examinations offered by the Commission.

**§9.10. Employee Level Examination Requirements for Licenses by Category (Revised February 2008)**

| License Categories   | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <b>Employee Level Exams Offered:</b>                         |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 1. Bobtail Exam - See §9.10(b)(1)                            |   |   |   |   | * |   |   |   |   |   |   |   |   |   |   |   |
| 2. Transport Driver Exam - See §9.10(b)(2)                   |   |   | * |   | * |   |   |   |   |   |   |   |   |   |   |   |
| 3. On-Road Motor Fuel Exam - See §9.10(b)(3)                 |   |   |   |   | * |   |   |   |   |   |   | * |   |   |   |   |
| 4. Non-Road Motor Fuel Exam - See §9.10(b)(4)                |   |   |   |   | * |   |   |   |   |   |   | * |   |   |   |   |
| 5. Mobile Fuel Exam - See §9.10(b)(5)                        |   |   |   |   | * |   |   |   |   |   |   | * |   |   |   |   |
| 6. DOT Cylinder Filling Exam - See §9.10(b)(6)               |   |   |   |   | * | * |   |   | * | * |   |   |   |   |   |   |
| 7. Recreational Vehicle Exam - See §9.10(b)(7)               |   |   |   |   | * |   |   |   |   |   |   |   | * |   |   |   |
| 8. Service and Installation Exam - See §9.10(b)(8)           |   |   |   | * | * |   |   |   |   |   | * |   |   | * |   |   |
| 9. Appliance Service and Installation Exam - See §9.10(b)(9) |   |   |   | * | * |   |   |   |   |   |   |   |   | * |   |   |
| 10. Motor/Mobile Fuel Dispensing Exam - See §9.10(b)(10)     |   |   |   |   | * |   | * |   | * | * |   |   |   |   |   |   |

(1) The Bobtail examination qualifies an individual to operate a bobtail, to perform all of the LP-gas activities authorized by the Transport Driver, DOT Cylinder Filling, and Motor/Mobile Fuel examinations, and to perform leak checks and pressure tests, light appliances, and adjust regulators and thermocouples. The Bobtail examination does not authorize an individual to connect or disconnect containers, except when performing a pressure test or removing a container from service.

(2) The Transport Driver examination qualifies an individual to operate an LP-gas transport equipped with a container of more than 5,000 gallons water capacity, to load and unload LP-gas, and connect and disconnect transfer hoses. The Transport Driver examination does not authorize an individual to operate a bobtail or to install or repair transport systems.

(3) The On-Road Motor Fuel examination qualifies an individual to install LP-gas motor fuel containers, cylinders, and LP-gas motor fuel systems, and replace container valves on motorized vehicles licensed to operate on public roadways. The On-Road Motor Fuel examination does not authorize an individual to fill LP-gas motor or mobile fuel containers.

(4) The Non-Road Motor Fuel examination qualifies an individual to install LP-gas motor fuel containers, cylinders, and LP-gas motor fuel systems, and replace container valves on vehicles such as industrial forklift trucks and lawnmowers. The Non-Road Motor Fuel examination does not authorize an individual to fill LP-gas motor fuel containers or cylinders.

(5) The Mobile Fuel examination qualifies an individual to install LP-gas mobile fuel containers, cylinders, and LP-gas mobile fuel systems, and replace container valves on mobile fuel equipment such as trailers, catering trucks, mobile kitchens, tar kettles, hot oil units, auxiliary engines and similar equipment. The Mobile Fuel examination does not authorize an individual to fill LP-gas mobile fuel containers or cylinders.

(6) The DOT Cylinder Filling examination qualifies an individual to inspect, requalify, fill, disconnect and connect cylinders, including industrial truck cylinders, and to exchange cylinder valves. The DOT Cylinder Filling examination does not authorize an individual to fill ASME motor or mobile fuel containers.

(7) The Recreational Vehicle examination qualifies an individual to install LP-gas motor or mobile

fuel containers, including cylinders, and to install and repair LP-gas systems on recreational vehicles. The Recreational Vehicle examination does not authorize an individual to fill LP-gas containers.

(8) The Service and Installation examination qualifies an individual to perform all LP-gas activities related to stationary LP-gas systems, including LP-gas containers, appliances, and stationary engines. The Service and Installation examination does not authorize an individual to fill containers or operate an LP-gas transport.

(9) The Appliance Service and Installation examination qualifies an individual to perform all LP-gas activities related to appliances, including installing, repairing and converting appliances, installing and repairing connectors from the appliance gas stop through the venting system, and to perform leak checks on the new or repaired portion of an LP-gas system. The Appliance Service and Installation examination does not authorize an individual to install a container, install or repair piping upstream of and including the appliance gas stop, or to install, repair or adjust regulators.

(10) The Motor/Mobile Fuel Dispensing examination qualifies an individual to inspect and fill motor or mobile fuel containers on vehicles, including recreational vehicles, cars, trucks, and buses. The Motor/Mobile Fuel Dispensing examination does not authorize an individual to fill LP-gas cylinders or ASME stationary containers.

(c) Within 15 calendar days of the date an individual takes an examination, AFRED shall notify the individual of the results of the examination.

(1) If the examination is graded or reviewed by a testing service, AFRED shall notify the individual of the examination results within 14 days of the date AFRED receives the results from the testing service. If the notice of the examination results will be delayed for longer than 90 days after the examination date, AFRED shall notify the individual of the reason for the delay before the 90th day. AFRED may require a testing service to notify an individual of the individual's examination results.

(2) Successful completion of any required examination shall be credited to and accrue to the individual.

(3) An individual who has been issued a certification card shall make the card readily available and shall present the card to any Commission employee or agent who requests proof of certification.

(d) Failure of any examination shall immediately disqualify the individual from performing any LP-gas related activities covered by the examination which is failed, except for activities covered by a separate examination which the individual has passed. If requested by an individual who failed the examination,

AFRED shall furnish the individual with an analysis of the individual's performance on the examination.

(1) Any individual who fails an examination administered by the Commission only at the Austin location may retake the same examination only one additional time during a business day.

(2) Any subsequent examination shall be taken on another business day, unless approved by the AFRED director.

*The provisions of this §9.10 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective June 9, 2003, 28 TexReg 4412; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 12, 2007, 32 TexReg 519; amended to be effective October 29, 2007, 32 TexReg 7675; amended to be effective February 1, 2008, 33 TexReg 138; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.11. Previously Certified Individuals.** A licensee, an ultimate consumer, or a state agency, county, municipality, school district, or other governmental subdivision shall notify AFRED when a certified individual is hired by filing LPG Form 16A and a nonrefundable \$10 fee with AFRED within 10 calendar days, or in lieu of that form, the \$10 fee and a written notice including the employee's name as recorded on a current driver's license or Texas Department of Public Safety identification card, employee social security number, names of the newly-hired certified employee's previous and new employers, and types of LP-gas work to be performed by the newly-hired certified employee. A state agency, county, municipality, school district, or other governmental subdivision is exempt from this subsection if such entity chooses not to certify its employees who perform LP-gas activities.

*The provisions of this §9.11 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 12, 2007, 32 TexReg 519; amended to be effective February 1, 2008, 33 TexReg 138.*

**§9.12. Trainees.**

(a) A licensee or ultimate consumer may employ an individual as a trainee for a period not to exceed 45 calendar days without that individual having successfully completed the rules examination as specified in §9.10 of this title (relating to Rules Examination) subject to the following conditions. The trainee shall be directly and individually supervised at all times by an individual who has successfully completed the Commission's rules examination for the areas of work being performed by the trainee.

(b) A trainee who successfully completes the rules examination shall comply with the training requirements for a new certificate in §9.51 and §9.52 of this title (relating to General Requirements for Training and Continuing Education; and Training and Continuing Education Courses).

(c) A trainee who fails the rules examination shall immediately cease to perform any LP-gas related activities covered by the examination failed.

(d) A trainee who has been in training for a total period of 45 calendar days, in any combination and with any number of employers, shall cease to perform any LP-gas activities for which he or she is not currently certified.

*The provisions of this §9.12 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 138.*

#### *§9.13. General Installers and Repairman Exemption.*

(a) Any individual who is currently licensed as a master or journeyman plumber by the Texas State Board of Plumbing Examiners or who is currently licensed with a Class A or B Air Conditioning and Refrigeration Contractors License issued by the Texas Department of Licensing and Regulation may register with AFRED and be granted an exemption to the Category D licensing and examination requirements (including insurance, and training and continuing education) provided the applicant:

(1) holds an active license in compliance with Texas Occupations Code, §1302.260, relating to Issuance and Term of License, and §1301.351, relating to License, Endorsement, or Registration Required;

(2) submits a legible photocopy of a current Air Conditioning and Refrigeration Contractor or Master or Journeyman Plumbers certificate;

(3) submits a legible photocopy of a picture state-issued identification card or driver's license;

(4) submits a properly completed LPG Form 16B; and

(5) pays the \$50 registration fee.

(b) This exemption does not become effective until the registration/examination exemption certificate is issued by AFRED.

(c) The registration/examination exemption accrues to the individual and is nontransferable.

(d) Any individual granted such exemption shall maintain registered status at all times. Upon failure to maintain registered status, the individual shall immediately cease all affected LP-gas activities until proper status has been regained.

(e) In order to maintain an exemption, each individual issued a registration/examination exemption certificate shall pay a \$20 annual renewal fee to AFRED on or before May 31 of each year. Failure to

pay the annual renewal fee by May 31 shall result in a lapsed exemption. If an individual's exemption lapses, that individual shall cease all LP-gas activities until the exemption has been renewed. To renew a lapsed exemption, the applicant shall pay the \$20 annual renewal fee plus a \$20 late-filing fee. Failure to do so shall result in the expiration of the registration/examination exemption. If an individual's registration/examination exemption has been expired for more than two years, that individual shall complete all requirements necessary to apply for a new exemption.

(f) Any individual who is issued this exemption agrees to comply with the current edition of the LP-Gas Safety Rules. In the event the exempt individual surrenders, fails to renew, or has the license revoked either by the Texas State Board of Plumbing Examiners or the Texas Department of Licensing and Regulation, that individual shall immediately cease performing any LP-gas activities granted by this section. The exemption certificate shall be returned immediately to AFRED and all rights and privileges surrendered.

*The provisions of this §9.13 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.15. Penalty Guidelines for LP-Gas Safety Violations.*

(a) Policy. Improved safety and environmental protection are the desired outcomes of any enforcement action. Encouraging licensees, certificate holders, and registrants to take appropriate voluntary corrective and future protective actions once a violation has occurred is an effective component of the enforcement process. Deterrence of violations through penalty assessments is also a necessary and effective component of the enforcement process. A rule-based enforcement penalty guideline to evaluate and rank LP-gas-related violations is consistent with the central goal of the Commission's enforcement efforts to promote compliance. Penalty guidelines set forth in this section will provide a framework for more uniform and equitable assessment of penalties throughout the state, while also enhancing the integrity of the Commission's enforcement program.

(b) Only guidelines. This section complies with the requirements of Texas Natural Resources Code, §81.0531. The penalty amounts contained in the tables in this section are provided solely as guidelines to be considered by the Commission in determining the amount of administrative penalties for violations of provisions of Texas Natural Resources Code, Chapter 113, relating to LP-gas safety; of rules, orders, licenses, permits, or certificates relating to LP-gas safety adopted under those provisions; and of regulations, codes, or standards that the Commission has adopted by reference.

(c) Commission authority. The establishment of these penalty guidelines shall in no way limit the Commission's authority and discretion to assess administrative penalties. The typical minimum penalties listed in this section are for the most common violations cited; however, this is neither an exclusive nor an exhaustive list of violations that the Commission may cite. The Commission retains full authority and discretion to cite violations of Texas Natural Resources Code, Chapter 113, relating to LP-gas safety; of rules, orders, licenses, permits, or certificates relating to LP-gas safety adopted or issued under those provisions; and of regulations, codes, or standards that the Commission has adopted by reference, and to assess administrative penalties in any amount up to the statutory maximum when warranted by the facts in any case, regardless of inclusion in or omission from this section.

(d) Factors considered. The amount of any penalty requested, recommended, or finally assessed in an

enforcement action will be determined on an individual case-by-case basis for each violation, taking into consideration the following factors:

- (1) the person's history of previous violations;
- (2) the seriousness of the previous violations;
- (3) any hazard to the health or safety of the public; and
- (4) the demonstrated good faith of the person charged.

(e) Typical penalties. Regardless of the method by which the typical penalty amount is calculated, the total penalty amount will be within the statutory limit. Typical penalties for violations of provisions of Texas Natural Resources Code, Chapter 113, relating to LP-gas safety; of rules, orders, licenses, permits, or certificates relating to LP-gas safety adopted under those provisions; and of regulations, codes, or standards that the Commission has adopted by reference, are set forth in Table 1.

| <b>LP-Gas Rule/Statute</b>       | <b>General Description</b>   | <b>Typical Minimum Penalty Amount/Range</b> |
|----------------------------------|--|---|
| 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)                   | License renewals lapse, 1-2 months   | \$500                                       |
| 16 TAC §9.7(h)                   | License renewals lapse, 3-4 months   | \$750                                       |
| 16 TAC §9.7(h)                   | License renewals lapse, 5-6 months   | \$1,000                                     |
| 16 TAC §9.7(h)                   | License renewals 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 ( $\geq$ 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 shall maintain documentation | \$250       |
| 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 9.6.7 sediment trap  | \$100-500   |
| 16 TAC §9.301        | NFPA 54 Section 12.2 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 6.3.1 (distance from container), first occurrence  | \$500       |
| 16 TAC §9.401        | NFPA 58 Section 6.3.1 (distance from container), 2nd occurrence  | \$750       |
| 16 TAC §9.401        | NFPA 58 Section 6.3.1 (distance from container), 3 or more occurrences   | \$1,000     |
| 16 TAC §9.401        | NFPA 58 Section 5.2.2.2 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders                            | \$500       |
| 16 TAC §9.401        | NFPA 58 Section 5.2.2.2 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders                           | \$750       |
| 16 TAC §9.401        | NFPA 58 Section 5.2.2.2 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 |



(f) Penalty enhancements for certain violations. For violations that involve threatened or actual safety hazards, or that result from the reckless or intentional conduct of the person charged, the Commission may

assess an enhancement of the typical penalty. The enhancement may be in any amount in the range shown for each type of violation, as shown in Table 2.

**Table 2. LP-Gas Penalty Enhancements**

| <b>For violations that involve:</b>                  | <b>Threatened or actual safety hazard</b> | <b>Severity of violation or culpability of person charged</b> |
|--|---|---|
| Death or personal injury                             | \$5,000 to \$20,000                       |   |
| Taking facility out of service                       | \$1,000 to \$5,000                        |   |
| Gas ignition or release requiring emergency response | \$1,000 to \$15,000                       |   |
| Damage to LP-gas installation or vehicle             | \$1,000 to \$5,000                        |   |
| Property damage exceeding \$5,000                    | \$1,000 to \$15,000                       |   |
| Rerouting of traffic or evacuation of premises       | \$1,000 to \$5,000                        |   |
| Time out of compliance                               |   | \$100 to \$2,000 for each month                               |
| Reckless conduct of person charged                   |   | Up to double the total penalty                                |
| Intentional conduct of person charged                |   | Up to triple the total penalty                                |

(g) Penalty enhancements for certain violators. For violations in which the person charged has a history of prior violations within seven years of the current enforcement action, the Commission may assess an enhancement based on either the number of prior violations or the total amount of previous

administrative penalties, but not both. The actual amount of any penalty enhancement will be determined on an individual case-by-case basis for each violation. The guidelines in Tables 3 and 4 are intended to be used separately. Either guideline may be used where applicable, but not both.

**Table 3. Penalty enhancements based on number of prior violations within seven years**

| <b>Number of violations in the seven years prior to action</b> | <b>Enhancement amount</b> |
|--|---------------------------|
| One  | \$1,000                   |
| Two  | \$2,000                   |
| Three  | \$3,000                   |
| Four   | \$4,000                   |
| Five or more   | \$5,000                   |

**Table 4. Penalty enhancements based on total amount of prior penalties within seven years**

| <b>Total administrative penalties assessed in the seven years prior to action</b> | <b>Enhancement amount</b> |
|---|---------------------------|
| Less than \$10,000  | \$1,000                   |
| Between \$10,000 and \$25,000   | \$2,500                   |
| Between \$25,000 and \$50,000   | \$5,000                   |
| Between \$50,000 and \$100,000  | \$10,000                  |
| Over \$100,000  | 10% of total amount       |

(h) Penalty reduction for settlement before hearing. The recommended monetary penalty for a violation may be reduced by up to 50% if the person charged agrees to a settlement before the Commission conducts an administrative hearing to prosecute a violation. Once the hearing is convened, the opportunity for the person charged to reduce the basic monetary penalty is no longer available. The reduction applies to the basic penalty amount requested and not to any requested enhancements.

(i) Demonstrated good faith. In determining the total amount of any monetary penalty requested, recommended, or finally assessed in an enforcement action, the Commission may consider, on an individual case-by-case basis for each violation, the demonstrated good faith of the person charged. Demonstrated good

faith includes, but is not limited to, actions taken by the person charged before the filing of an enforcement action to remedy, in whole or in part, a violation or to mitigate the consequences of a violation.

(j) Other sanctions. Depending upon the nature of and the consequences resulting from a violation of the rules in this chapter, the Commission may impose a non-monetary penalty, such as requiring attendance at a safety training course, or may issue a warning.

(k) Penalty calculation worksheet. The penalty calculation worksheet shown in Table 5 lists the typical penalty amounts for certain violations, the circumstances justifying enhancements of a penalty and the amount of the enhancement, and the circumstances justifying a reduction in a penalty and the amount of the reduction.

|    | <b>LP-Gas Rule/Statute</b>       | <b>General Description</b>   | <b>Typical Minimum Penalty Amount/Range</b> | <b>Penalty Tally</b> |
|----|----------------------------------|--|---|----------------------|
| 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)                   | License renewals lapse, 1-2 months   | \$500                                       | \$                   |
| 8  | 16 TAC §9.7(h)                   | License renewals lapse, 3-4 months   | \$750                                       | \$                   |
| 9  | 16 TAC §9.7(h)                   | License renewals lapse, 5-6 months   | \$1,000                                     | \$                   |
| 10 | 16 TAC §9.7(h)                   | License renewals lapse, more than 6 months   | \$1,000-2,500                               | \$                   |
| 11 | 16 TAC §9.9                      | Requirements for certificate renewal   | \$250                                       | \$                   |
| 12 | 16 TAC §9.11                     | Employee transfers   | \$100                                       | \$                   |
| 13 | 16 TAC §9.12                     | Trainees   | \$500-\$1,000                               | \$                   |
| 14 | 16 TAC §9.13                     | General installers and repairman exception   | \$500-1,000                                 | \$                   |
| 15 | 16 TAC §9.17                     | Designation and responsibilities of company reps                                   | \$500                                       | \$                   |
| 16 | 16 TAC §9.21                     | Franchise tax certification and assumed name certificates                          | \$500                                       | \$                   |
| 17 | 16 TAC §9.22                     | Changes in ownership, form or name of dealership                                   | \$500                                       | \$                   |
| 18 | 16 TAC §9.23                     | Limitation/avoidance of licensee liability   | \$2,500                                     | \$                   |
| 19 | 16 TAC §9.26                     | Insurance and self-insurance requirements  | \$1,000                                     | \$                   |
| 20 | 16 TAC §9.28                     | Reasonable safety provisions   | \$2,500                                     | \$                   |
| 21 | 16 TAC §9.32                     | Consumer safety notification   | \$500                                       | \$                   |
| 22 | 16 TAC §9.35                     | Written procedure for leak check   | \$100-500                                   | \$                   |
| 23 | 16 TAC §9.36(a)                  | Report of an LP-gas incident/accident  | \$1,000                                     | \$                   |
| 24 | 16 TAC §9.36(c)                  | Completed Form 20  | \$100                                       | \$                   |
| 25 | 16 TAC §9.36(e)                  | Category P must notify supplier of incident  | \$250                                       | \$                   |
| 26 | 16 TAC §9.41                     | Testing LP-gas systems in school facilities  | \$1,000                                     | \$                   |
| 27 | 16 TAC §9.101(b)                 | Filings for stationary installations Form 501 (< 10,000 gal AWC), 1-5 occurrences  | \$100                                       | \$                   |
| 28 | 16 TAC §9.101(b)                 | Filings for stationary installations Form 501 (< 10,000 gal AWC), 6-10 occurrences | \$200                                       | \$                   |
| 29 | 16 TAC §9.101(b)                 | Filings for stationary installations Form 501 (< 10,000                            | \$500                                       | \$                   |

|    |                      |  |             |    |
|----|----------------------|--|-------------|----|
|    |                      | gal AWC), >10 occurrences  |             |    |
| 30 | 16 TAC §9.101(c)     | Filings for stationary installations Form 500 (>= 10,000 gal AWC)  | \$1,000     | \$ |
| 31 | 16 TAC §9.109        | Physical inspection of stationary installation   | \$250-1,000 | \$ |
| 32 | 16 TAC §9.113        | Maintenance  | \$250-1,000 | \$ |
| 33 | 16 TAC §9.114(a)     | Odorization in accordance with NFPA 58   | \$500-2,500 | \$ |
| 34 | 16 TAC §9.126(a)-(b) | All appurtenances and equipment shall be listed  | \$1,000     | \$ |
| 35 | 16 TAC §9.126(c)     | Licensee or operator of equipment not listed but approved for use by manufacturer shall maintain documentation | \$250       | \$ |
| 36 | 16 TAC §9.129        | Manufacturer's nameplate and markings  | \$1,000     | \$ |
| 37 | 16 TAC §9.131        | 200 PSIG working pressure stationary vessels   | \$500-1,000 | \$ |
| 38 | 16 TAC §9.132        | Sales to unlicensed individuals  | \$1,000     | \$ |
| 39 | 16 TAC §9.134        | Connecting container to piping   | \$250-1,000 | \$ |
| 40 | 16 TAC §9.135        | Unsafe or unapproved containers, cylinders or piping   | \$500-2,500 | \$ |
| 41 | 16 TAC §9.136        | Filling DOT containers   | \$500-2,500 | \$ |
| 42 | 16 TAC §9.137        | Inspection of containers at each filling   | \$500       | \$ |
| 43 | 16 TAC §9.140        | Uniform protection standards   | \$100-750   | \$ |
| 44 | 16 TAC §9.141        | Uniform safety requirements  | \$100-750   | \$ |
| 45 | 16 TAC §9.142        | LP-gas storage and installation requirements   | \$100-500   | \$ |
| 46 | 16 TAC §9.143        | Bulkhead, internal valve, ball valve and ESV protection  | \$500-2,500 | \$ |
| 47 | 16 TAC §9.201        | Applicability (includes 49 CFR 100-185)  | \$500-2,500 | \$ |
| 48 | 16 TAC §9.202        | Registration and transfer of LP-gas transports   | \$500-1,500 | \$ |
| 49 | 16 TAC §9.203        | School bus, public transportation, mass and special transit  | \$100-500   | \$ |
| 50 | 16 TAC §9.204        | Maintenance of vehicles  | \$250-1,000 | \$ |
| 51 | 16 TAC §9.206        | Vehicle identification labels  | \$50-100    | \$ |
| 52 | 16 TAC §9.208        | Testing requirements   | \$250-1,000 | \$ |
| 53 | 16 TAC §9.211        | Markings   | \$250       | \$ |
| 54 | 16 TAC §9.212        | Manifests  | \$250       | \$ |
| 55 | 16 TAC §9.301        | NFPA 54 adopted by reference unless otherwise listed   | \$250-2,500 | \$ |
| 56 | 16 TAC §9.301        | NFPA 54 Section 7.1.2.1 underground piping cover requirements  | \$250-750   | \$ |
| 57 | 16 TAC §9.301        | NFPA 54 Section 7.1.7.1 connection of plastic piping   | \$500-1,000 | \$ |
| 58 | 16 TAC §9.301        | NFPA 54 Section 7.1.7.3 tracer wire  | \$100-500   | \$ |
| 59 | 16 TAC §9.301        | NFPA 54 Section 7.7.2.1 cap all outlets  | \$100-500   | \$ |
| 60 | 16 TAC §9.301        | NFPA 54 Section 8.2.3 test for leakage   | \$1,500     | \$ |
| 61 | 16 TAC §9.301        | NFPA 54 Section 9.1.1.2 appliance installation   | \$500-1,000 | \$ |
| 62 | 16 TAC §9.301        | NFPA 54 Section 9.6.7 sediment trap  | \$100-500   | \$ |
| 63 | 16 TAC §9.301        | NFPA 54 Section 12.2 venting of appliances   | \$500-1,000 | \$ |
| 64 | 16 TAC §9.306        | Room heaters in public buildings   | \$250-1,000 | \$ |
| 65 | 16 TAC §9.307        | Identification of converted appliances   | \$100-250   | \$ |
| 66 | 16 TAC §9.308        | Identification of piping installation  | \$100-250   | \$ |
| 67 | 16 TAC §9.311        | Special exceptions for appliance connectors and piping support on agricultural and industrial structures       | \$100-500   | \$ |
| 68 | 16 TAC §9.312        | Certification requirements for joining methods   | \$500       | \$ |
| 69 | 16 TAC §9.401        | NFPA 58 adopted by reference unless otherwise listed   | \$250-2,500 | \$ |

|   |  |  |                          |    |
|---|--|--|--------------------------|----|
| 70  | 16 TAC §9.401  | NFPA 58 Section 6.3.1 (distance from container), first occurrence                              | \$500                    | \$ |
| 71  | 16 TAC §9.401  | NFPA 58 Section 6.3.1 (distance from container), 2nd occurrence                                | \$750                    | \$ |
| 72  | 16 TAC §9.401  | NFPA 58 Section 6.3.1 (distance from container), 3 or more occurrences                         | \$1,000                  | \$ |
| 73  | 16 TAC §9.401  | NFPA 58 Section 5.2.2.2 and 11.3.1.5 (requalification of cylinders), 1-10 cylinders            | \$500                    | \$ |
| 74  | 16 TAC §9.401  | NFPA 58 Section 5.2.2.2 and 11.3.1.5 (requalification of cylinders), 11-20 cylinders           | \$750                    | \$ |
| 75  | 16 TAC §9.401  | NFPA 58 Section 5.2.2.2 and 11.3.1.5 (requalification of cylinders), >20 cylinders             | \$1,000                  | \$ |
| 76  | <b>16 TAC §9.401</b>   | NFPA 58 Section 9.4.8 (chock blocks)   | \$100-250                | \$ |
| 77  | 16 TAC §9.403  | Sections in NFPA 58 not adopted by reference or adopted with change or additional requirements | \$250-2,500              | \$ |
| 78  | <b>Subtotal of typical penalty amounts from Table 1 (lines 1-77, inclusive)</b>  |  |                          | \$ |
| 79  | <b>Reduction for settlement before hearing: up to 50% of line 78 amt.</b>  |  | _____ %                  | \$ |
| 80  | <b>Subtotal: amount shown on line 78 less applicable settlement reduction on line 79</b>                                     |  |                          | \$ |
| <b>Penalty enhancement amounts for threatened or actual safety hazard from Table 2</b>          |  |  |                          |    |
| 81  | Death or personal injury   |  | \$5,000 to \$20,000      | \$ |
| 82  | Taking facility out of service   |  | \$1,000 to \$5,000       | \$ |
| 83  | Gas ignition or release requiring emergency response   |  | \$1,000 to \$15,000      | \$ |
| 84  | Damage to LP-gas installation or vehicle   |  | \$1,000 to \$5,000       | \$ |
| 85  | Property damage exceeding \$5,000  |  | \$1,000 to \$15,000      | \$ |
| 86  | Rerouting of traffic or evacuation of premises   |  | \$1,000 to \$5,000       | \$ |
| <b>Penalty enhancement for severity of violation from Table 2</b>                               |  |  |                          |    |
| 87  | Time out of compliance   |  | \$100 to \$2,000/<br>mo. | \$ |
| 88  | <b>Subtotal: amount shown on line 81 plus all amounts on lines 81 through 87, inclusive</b>                                  |  |                          | \$ |
| <b>Penalty enhancements for culpability of person charged from Table 2</b>                      |  |  |                          |    |
| 89  | Reckless conduct of person charged   |  | Up to double line X      | \$ |
| 90  | Intentional conduct of person charged  |  | Up to triple line X      | \$ |
| <b>Penalty enhancements for number of prior violations within past seven years from Table 3</b> |  |  |                          |    |
| 91  | One  |  | \$1,000                  | \$ |
| 92  | Two  |  | \$2,000                  | \$ |
| 93  | Three  |  | \$3,000                  | \$ |
| 94  | Four   |  | \$4,000                  | \$ |
| 95  | Five or more   |  | \$5,000                  | \$ |
| <b>Penalty enhancements for amount of penalties within past seven years from Table 4</b>        |  |  |                          |    |
| 96  | Less than \$10,000   |  | \$1,000                  | \$ |
| 97  | Between \$10,000 and \$25,000  |  | \$2,500                  | \$ |
| 98  | Between \$25,000 and \$50,000  |  | \$5,000                  | \$ |
| 99  | Between \$50,000 and \$100,000   |  | \$10,000                 | \$ |
| 100   | Over \$100,000   |  | 10% of total amount      | \$ |
| 101   | <b>Subtotal: Line 88 amt. plus amts. on line 89 and/or 90 plus the amt. shown on any line from 91 through 100, inclusive</b> |  |                          | \$ |
| 102   | <b>Reduction for demonstrated good faith of person charged</b>   |  |                          | \$ |
| 103   | <b>TOTAL PENALTY AMOUNT: amount on line 101 less any amount shown on line 102</b>  |  |                          | \$ |

The provisions of this §9.15 adopted to be effective August 27, 2012, 37 TexReg 6563.

§9.16. Hearings for Denial, Suspension, or Revocation of Licenses or Certificates.

(a) The Commission may deny, suspend, or revoke a license or certificate for any individual who fails to comply with the LP-Gas Safety Rules.

(1) If LP-Gas Operations determines that an applicant for license, certificate, or renewal has not met the requirements of the LP-Gas Safety Rules, LP-Gas Operations shall notify the applicant in writing of the reasons for the proposed denial. In the case of an applicant for license or certificate, the notice shall advise the person that the application may be resubmitted within 30 calendar days of receipt of the denial with all cited deficiencies corrected, or, if the person disagrees with LP-Gas Operations' determination, that person may request in writing a hearing on the matter within 30 calendar days of receipt of the notice of denial.

(2) If a person resubmits the application for license or license renewal within 30 calendar days of receipt of the denial with all deficiencies corrected, LP-Gas Operations shall issue the license or license renewal.

(b) Hearing regarding denial of license or license renewal.

(1) An applicant receiving a notice of denial of a license or license renewal may request a hearing to determine whether the applicant did comply in all respects with the requirements for the category or categories of license sought. The request for hearing shall be in writing, shall refer to the specific requirements the applicant claims were met, and shall be submitted to LP-Gas Operations within 30 calendar days of the applicant's receipt of the notification of denial.

(2) Upon receipt of a request complying with paragraph (1) of this subsection, LP-Gas Operations shall forward the request for a hearing to the Office of General Counsel for the purpose of scheduling a hearing within 30 calendar days following the receipt of the request for hearing to determine the applicant's compliance or noncompliance with the licensing requirements for the category or categories of license sought.

(3) If, after hearing, the Commission finds the applicant's claim has been supported, it shall enter an order in its records to that effect, noting the category or categories of license for which the applicant is entitled to be licensed, and the license or renewal shall be issued.

(4) If, after hearing, the Commission finds that the applicant is not qualified for the license or license renewal in the category or categories of license sought, it shall likewise enter an order in its records to that effect, and no license or renewal shall be issued to the applicant.

(c) Suspension or revocation of licenses or certifications.

(1) If LP-Gas Operations finds by means including but not limited to inspection, review of required documents submitted, or complaint by a member of the general public or any other person, a probable or actual violation of or noncompliance with the Texas Natural Resources Code, Chapter 113, or the LP-Gas Safety Rules, LP-Gas Operations shall notify the licensee or certified person of the alleged violation or noncompliance in writing.

(2) The notice shall specify the acts, omissions, or conduct constituting the alleged violation or noncompliance and shall designate a date not less than 30 calendar days or more than 45 calendar days after the licensee or certified person receives the notice by which the violation or noncompliance shall be corrected or discontinued. If LP-Gas Operations determines the violation or noncompliance may pose imminent peril to the health, safety, or welfare of the general public, LP-Gas Operations may notify the licensee or certified person orally with instruction to immediately cease the violation or noncompliance. When oral notice is given, LP-Gas Operations shall follow it with written notification no later than five business days after the oral notification.

(3) The licensee or certified person shall either report the correction or discontinuance of the violation or noncompliance within the time frame specified in the notice or shall request an extension of time in which to comply. The request for extension of the time to comply shall be received by LP-Gas Operations within the same time frame specified in the notice for correction or discontinuance.

(d) Hearing regarding suspension or revocation of licenses and certifications.

(1) If a licensee or certified person disagrees with the determination of LP-Gas Operations under this section, that person may request a public hearing on the matter to be conducted in compliance with the Texas Government Code, Chapter 2001, et seq., Chapter 1 of this title (relating to Practice and Procedure), and this chapter. The request shall be in writing, shall refer to the specific rules or statutes the licensee or certified person claims to have complied with, and shall be received by LP-Gas Operations within 30 calendar days of the licensee's or certified person's receipt of the notice of violation or noncompliance. LP-Gas Operations shall forward the request for hearing to the Office of General Counsel.

(2) If LP-Gas Operations determines that the licensee or certified person may not comply within the specified time, LP-Gas Operations may call a public hearing to be conducted in compliance with the Texas Government Code, Chapter 2001, et seq., Chapter 1 of this title, and any other applicable rules.

*The provisions of this §9.16 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be*

*effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.17. Designation and Responsibilities of Company Representatives and Operations Supervisors.*

(a) Each licensee shall have at least one company representative for the license and, in the case of a licensee other than a Category P licensee, at least one operations supervisor for each outlet.

(1) A licensee maintaining one or more outlets shall file LPG Form 1 with LP-Gas Operations designating the company representative for the license and/or LPG Form 1A designating the operations supervisor for each outlet.

(2) A licensee may have more than one company representative.

(3) An individual may be operations supervisor at more than one outlet provided that:

(A) each outlet has a designated LP-gas certified employee responsible for the LP-gas activities at that outlet;

(B) the certified employee's and/or operations supervisor's telephone number is posted at the outlet on a sign with lettering at least 3/4-inch high, visible and legible at all times; and

(C) the certified employee and/or the operations supervisor monitors the telephone number and responds to calls during normal business hours.

(4) The company representative may also serve as operations supervisor for one of the licensee's outlets provided that the individual meets both the company representative and the operations supervisor requirements in this section.

(5) A licensee shall immediately notify LP-Gas Operations in writing upon termination, for whatever reason, of its company representative or any operations supervisor and shall at the same time designate a replacement by submitting a new LPG Form 1 for a new company representative or a new LPG Form 1A for a new operations supervisor.

(A) A licensee shall cease all LP-gas activities if, at the termination of its company representative, there is no other qualified company representative of the licensee who has complied with the Commission's requirements. A licensee shall not resume LP-gas activities until such time as it has a properly qualified company representative or it has been granted an extension of time in which to comply as specified in subsection (g) of this section.

(B) A licensee shall cease LP-gas activities at an outlet if, at the termination of its operations supervisor for that outlet, there is no other qualified operations supervisor at that outlet who has complied with the Commission's requirements. A licensee shall not resume LP-gas activities at that outlet until such time as it has a properly qualified operations

supervisor or it has been granted an extension of time in which to comply as specified in subsection (g) of this section.

(b) Company representative. A company representative shall comply with the following requirements:

(1) be an owner or employee of the licensed entity, in the case of a licensee other than a Category P licensee;

(2) be the licensee's principal individual in authority and, in the case of a licensee other than a Category P licensee, responsible for actively supervising all LP-gas activities conducted by the licensee, including all appliance, container, portable cylinder, product, and system activities;

(3) have a working knowledge of the licensee's LP-gas activities to insure compliance with the LP-Gas Safety Rules;

(4) pass the appropriate management-level rules examination and complete any required training specified in §9.52 of this title (relating to Training and Continuing Education Courses), or in the case of an applicant for a Category D license, obtain a General Installers and Repairman Exemption as specified in §9.13 of this title (relating to General Installers and Repairman Exemption);

(5) comply with the work experience or training requirements in subsection (g) of this section, if applicable;

(6) be directly responsible for all employees performing their assigned LP-gas activities, unless an operations supervisor is fulfilling this requirement; and

(7) submit any additional information as deemed necessary by LP-Gas Operations.

(c) Operations supervisors. An operations supervisor, in the case of a licensee other than a Category P licensee, shall comply with the following requirements:

(1) be an owner or employee of the licensee;

(2) pass the applicable management-level rules examination and complete any required training specified in §9.52 of this title (relating to Training and Continuing Education Courses) or, in the case of a Category D license only, obtain a General Installers and Repairman Exemption as specified in §9.13 of this title (relating to General Installers and Repairman Exemption), before commencing or continuing the licensee's LP-gas activities at the outlet; and

(3) be directly responsible for actively supervising the LP-gas activities of the licensee at the designated outlet.

(d) In lieu of an operations supervisor requirement for a Category P license, the Category E, J, or other licensee providing the Category P licensee with portable cylinders for exchange shall be required to:

(1) prepare a manual containing, at a minimum, the following:

(A) a description of the basic characteristics and properties of LP-gas;

(B) an explanation of the various parts of an LP-gas cylinder, including what the purpose of each part is and how to operate the cylinder valve;

(C) complete instructions on how to properly transport cylinders in vehicles;

(D) a prohibition against moving or installing cylinder cages at any store location;

(E) a prohibition against taking or storing inside a building any cylinders that have or have had LP-gas in them;

(F) a requirement that all cylinders containing LP-gas be stored in a manner so that the relief valve is in the vapor space of the cylinder;

(G) a requirement that the employees who handle the cylinders know the location within the store of the manual and know the contents of the manual;

(H) instructions related to any potential hazards that may be specific to a location, including but not limited to the proper distancing of cylinders from combustible materials and sources of ignition;

(I) detailed emergency procedures regarding a leaking cylinder, including all applicable emergency contact numbers;

(J) a requirement that any accidents be reported to the Category E, J, or other licensee who prepares the manual, and detailed procedures for reporting any accidents;

(K) all Commission rules applicable to the Category P license, including the requirement that the Category P licensee is responsible for complying with all such rules;

(L) all provisions of Subchapter H ("Enforcement") of Chapter 113 of the Texas Natural Resources Code;

(M) a detailed description of the training provided to each employee of the Category P licensee who may be engaged in any activities covered by the Category P license; and

(N) a page for the signatures, printed names and dates of training for each individual trained at each outlet on this manual.

(2) provide a copy of the manual for display at each outlet or location of the Category P licensee;

(3) provide training as to the contents of the manual to each employee who may be engaged in any activities covered by the Category P license at all outlets or locations of the Category P licensee and maintain records regarding the employees of the Category P licensee who have been trained; and

(4) complete all three requirements of this subsection, for existing Category P licensees, prior to

October 25, 2001, and within 45 days of any Category P license obtained on or after September 1, 2001.

(e) The Category P licensee is responsible for the following:

(1) insuring that each employee who is involved with the activities covered by the Category P license is knowledgeable about the contents of the manual and has signed and dated the signature page of the manual; and

(2) insuring that each such employee is aware of the location of the manual and can show the manual to employees of the Commission upon their request.

(f) Category P licensees. The company representative requirement for a Category P licensee may be satisfied by employing a Category E, J, or other licensee company representative if the Category E, J, or other company representative is authorized by the Category P licensee to assign and remove any employee who does not comply with the LP-Gas Safety Rules or who performs any unsafe LP-gas activities.

(g) Work experience substitution for Category E, F, G, I, and J. The AFRED director may, upon written request, allow a conditional qualification for a Category E, F, G, I, or J company representative or operations supervisor who passes the applicable management-level rules examination provided that the individual attends and successfully completes the next available Category E, F, G, I, or J management-level training course, or a subsequent Category E, F, G, I, or J management-level training course agreed on by the AFRED director and the applicant. The written request shall include a description of the individual's LP-gas experience and other related information in order that the AFRED director may properly evaluate the request. If the individual fails to complete the training requirements within the time granted by the AFRED director, the conditional qualification shall immediately be voided and the conditionally qualified company representative or operations supervisor shall immediately cease all LP-gas activities. Applicants for company representative or operations supervisor who have less than three years' experience or experience which is not applicable to the category for which the individual is applying shall not be granted a conditional qualification and shall comply with the training requirements in §9.52 of this title (relating to Training and Continuing Education Courses) prior to AFRED issuing a certificate.

*The provisions of this §9.17 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.18. Reciprocal Examination Agreements with Other States.*

(a) AFRED may accept the examination requirements for LP-gas transport drivers from other states provided that the qualifying state has entered into a reciprocal agreement with Texas as specified in this section.

(b) A state that is interested in a reciprocal agreement with Texas shall provide a copy of its examination used to qualify transport drivers to AFRED. AFRED shall provide a copy of the Texas examination to the other state's LP-gas authority. The states shall review the materials to ensure that they contain substantially equivalent requirements. If each state accepts the requirements of the other state, both states shall sign the reciprocal agreement.

(1) The reciprocal agreement shall be in the form of a letter on the official letterhead of the state requesting the reciprocal agreement. The letter shall be signed and dated by an official representative of the LP-gas authority in both states. For Texas, the official representative shall be the AFRED director.

(2) The reciprocal agreement shall remain in effect until either state requests a change and may be terminated by either state at any time.

(3) If either state revises its examination or related requirements, it shall immediately notify the other state by submitting the revised examination or related requirements.

(4) AFRED shall maintain a current list of all states participating in reciprocal agreements, a list of participating states' applicable fees, and a list of all individuals who have received a reciprocal examination exemption.

(5) Copies of examinations from other participating states are subject to or excepted from required disclosure in accordance with Chapter 552 of the Government Code.

(c) Individuals who apply for a reciprocal examination exemption shall pay the applicable fees required by each state in exchange for exemption from examination requirements.

(1) Individuals from other participating states shall remit to AFRED the nonrefundable employee-level rules examination fee and the annual certificate renewal fee specified in §9.10 and §9.9 of this title (relating to Rules Examination, and Requirements for Certificate Renewal, respectively).

(2) Individuals from Texas who apply for a reciprocal examination exemption in other states shall pay to the other state any fees specified by that state.

(d) Applicants for a reciprocal examination exemption shall provide the following information to AFRED to verify that they are properly and currently certified in their state:

(1) a state-issued certification card, license, letter, or similar document which shall clearly show a valid date and an indication that the individual passed the examination. Maintaining valid certification in the other state is required for continuing reciprocity in Texas; and

(2) LPG Form 16R. Applicants from other states shall provide their Social Security numbers to AFRED for purposes of record-keeping and to comply with the requirements in Texas Family Code Annotated §231.302(c) (Vernon 1996), which mandates disclosure of Social Security numbers by applicants to assist in the administration of laws relating to child support. Social Security numbers are subject to or excepted from disclosure to the public in accordance with Texas Government Code, Chapter 552.

(3) Texas applicants shall provide copies of their Commission-issued wallet certification cards showing their annual certification as their written proof when applying to other states for reciprocal examination exemptions.

(e) Individuals from other states who apply for a reciprocal examination exemption from Texas either shall be employed by a company that is properly and currently licensed in Texas or shall themselves fulfill all other licensing requirements in the *LP-Gas Safety Rules*.

(f) Individuals who obtain reciprocal examination exemptions are liable under the laws and rules of the state in which they perform the LP-gas activities.

(1) Each state shall be responsible for its own enforcement actions against individuals with reciprocal examination exemptions.

(2) If a participating state has an enforcement action against an individual with a reciprocal examination exemption, that state shall inform the other state within 14 calendar days of initiating the action.

(3) A state may suspend, revoke, or deny a reciprocity renewal or an individual's reciprocal examination exemption, as specified in §9.16 of this title (relating to Hearings for Denial, Suspension, or Revocation of Licenses or Certificates) and shall notify the other state and all individuals holding the reciprocal examination exemption within 14 calendar days of such suspension, revocation, or denial.

(g) Upon the effective date of this section, AFRED may issue reciprocal examination exemptions only for LP-gas transport driver examinations. For purposes of reciprocal agreements, a "transport" is defined as a cargo tank motor vehicle of more than 5,000 gallons water capacity.

*The provisions of this §9.18 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*



*§9.21. Franchise Tax Certification and Assumed Name Certificates.*

(a) An applicant for an original or renewal license that is a corporation or limited liability company shall be in good standing with the Comptroller of Public Accounts of the State of Texas. The licensee shall provide a copy of the Franchise Tax Statement from the Comptroller of Public Accounts showing "In Good Standing."

(b) All applicants for license shall list on LPG Form 1 all names under which LP-gas related activities requiring licensing are to be conducted. Any company performing LP-gas activities under an assumed name ("DBA" or "doing business as" name) shall file copies of the assumed name certificates which are required to be filed with the respective county clerk's office and/or the secretary of state's office with LP-Gas Operations.

*The provisions of this §9.21 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.22. Changes in Ownership, Form of Dealership, or Name of Dealership.*

(a) Changes in ownership which require a new license.

(1) Transfer of dealership or outlet by sale, lease, or gift. The purchaser, lessee, or donee of any dealership or outlet shall have a current and valid license authorizing the LP-gas activities to be performed at the dealership or outlet or shall apply for and be issued an LP-gas license prior to engaging in any LP-gas activities which require a license. The purchaser, lessee, or donee shall notify LP-Gas Operations by filing a properly completed LPG Form 1 prior to engaging in any LP-gas activities at that dealership or outlet which require an LP-gas license.

(2) Other changes in ownership. A change in members of a partnership occurs upon the death, withdrawal, expulsion, or addition of a partner. Upon the death of a sole proprietor or partner, or the dissolution of a corporation or partnership, or any change in members of a partnership, or other change in ownership not specifically provided for in this section, an authorized representative of the previously existing dealership or of the successor in interest shall notify LP-Gas Operations in writing and shall immediately cease all LP-gas activities of the previously existing dealership which require an LP-gas license and shall not resume until LP-Gas Operations issues an LP-gas license to the successor in interest.

(b) Change in dealership business entity. When a dealership converts from one business entity into a different kind of business entity, the resulting entity

shall have a current and valid license authorizing the LP-gas activities to be performed or shall apply for and be issued a license before engaging in any LP-gas activities which require an LP-gas license and shall immediately notify LP-Gas Operations in writing of the change in business entity.

(c) Dealership name change. A licensee which changes its name shall not be required to obtain a new license but shall immediately notify LP-Gas Operations as follows prior to engaging in any LP-gas activities under the new name. The licensee shall file:

(1) an amended LPG Form 1 and, if applicable, Form 1A;

(2) a copy of the licensee's business documents reflecting the name change, such as amendments to the articles of incorporation or assumed name filings;

(3) certificates of insurance or affidavits in lieu of insurance (where permitted by §9.26 of this title (relating to Insurance Requirements) or both;

(4) an amended LPG Form 7 to transfer any LP-gas transport or container delivery unit, including any fees specified in §9.202 of this title (relating to Registration and Transfer of LP-Gas Transports or Container Delivery Units); and

(5) an amended LPG Form 19, if applicable, to specify storage container inventory.

(d) Company representative and operations supervisor. In all changes of ownership, form of dealership, or name of dealership, the resulting entity shall have a properly certified company representative for the license and an operations supervisor, if required, at each outlet and as outlined in §9.17 of this title (relating to Designation and Responsibilities of Company Representatives and Operations Supervisors).

(e) In the event of a death of a sole proprietor or partner, the AFRED director may grant a temporary exception not to exceed 30 calendar days to the examination requirement for company representatives and operations supervisors. An applicant for a temporary exception shall agree to comply with all applicable safety requirements.

*The provisions of this §9.22 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.23. Limitation/Avoidance of Licensee Liability.*

(a) An LP-gas licensee shall not limit or avoid its liability or that of its insurer for damages proximately resulting from any negligent act or acts of the licensee.

(b) An attempt to limit or avoid liability before the negligent act or acts, through indemnity clauses or otherwise, shall be null and void.

(c) This section shall not apply to negotiations or settlements, or both, made subsequent to a licensee's negligent act or acts.

(d) To the extent that any damage occurring during or subsequent to any of the following acts does not proximately result from any negligent act of the licensee, the licensee may limit liability based upon:

(1) unauthorized, unsafe, or improper application of LP-gas or any LP-gas system or equipment by any user or other person;

(2) any use or operation of LP-gas or any LP-gas system or equipment contrary to specific representations made by any user or other person to an LP-gas licensee during or preceding installation or servicing of such LP-gas system or equipment and relied upon by such LP-gas licensee in selecting, designing, installing, or servicing such system or equipment; or

(3) any modification, change, installation, alteration, tampering, or other action by any unlicensed person to or upon any LP-gas system or equipment.

*The provisions of this §9.23 adopted to be effective February 1, 2001, 26 TexReg 947.*

**§9.26. Insurance and Self-Insurance Requirements.**

(a) LP-gas licensees or applicants for license shall comply with the minimum amounts of insurance specified in Table 1 of this section or with the self-insurance requirements in subsection (i) of this section. Before LP-Gas Operations grants or renews a license, an applicant shall submit either:

**§9.26. INSURANCE REQUIREMENTS**

**TABLE 1**

| <b>Category of License</b> | <b>Type of Coverage</b>  | <b>Form Required</b>   | <b>Statement in Lieu of Required Insurance Filing</b> |
|----------------------------|--|--|---|
| 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 | The Acord™ form or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information | LPG Form 996B   |
| A, B, C, E, O, H, J        | General liability coverage including: premises and operations in an amount of at least \$300,000 per occurrence and \$300,000 aggregate  | The Acord™ form or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information | LPG Form 998B   |
| A, B, C, E, O              | Completed operations or products liability insurance, or both, in an amount of at least \$300,000 aggregate  | The Acord™ form or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information | LPG Form 998B   |

|                                     |   |  |               |
|-------------------------------------|---|--|---------------|
| D, F, G, I,<br>K, L, M,<br>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   | The Acord™ form or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information | LPG Form 998B |
| C, E, H, J,<br>Ultimate<br>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 | The Acord™ form or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information | LPG Form 997B |

(1) An insurance Acord™ form; or any other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information. The forms must be issued by an insurance company authorized or accepted by the Texas Department of Insurance; or

(2) properly completed documents demonstrating the applicant's compliance with the self-insurance requirements set forth in subsection (i) of this section.

(b) Each licensee shall file LPG Form 999 or other written notice with LP-Gas Operations at least 30 calendar days before the cancellation of any insurance coverage. The 30-day period commences on the date the notice is actually received by LP-Gas Operations.

(c) A licensee or applicant for a license that does not employ or contemplate employing any employee to be engaged in LP-gas related activities in Texas may file LPG Form 996B in lieu of filing a workers' compensation, including employer's liability insurance, or alternative accident and health insurance coverage. The licensee or applicant for a license shall file the required insurance form with LP-Gas Operations before hiring any person as an employee engaged in LP-gas related work.

(d) A licensee, applicant for a license, or an ultimate consumer that does not operate or contemplate operating a motor vehicle equipped with an LP-gas cargo container or does not transport or contemplate transporting LP-gas by vehicle in any manner may file LPG Form 997B in lieu of a motor vehicle bodily injury and property damage insurance form, if this certificate is not otherwise required. The licensee or applicant for a license shall file the required insurance form with LP-Gas Operations before operating a motor vehicle equipped with an LP-gas cargo container or transporting LP-gas by vehicle in any manner.

(e) A licensee or applicant for a license that does not engage in or contemplate engaging in any LP-gas

operations that would be covered by completed operations or products liability insurance, or both, may file LPG Form 998B in lieu of a completed operations and/or products liability insurance form. The licensee or applicant for a license shall file the required insurance form with LP-Gas Operations before engaging in any operations that require completed operations and/or products liability insurance.

(f) A licensee or applicant for a license that does not engage in or contemplate engaging in any operations that would be covered by general liability insurance may file LPG Form 998B in lieu of filing a general liability insurance form. The licensee or applicant for a license shall file the required insurance form with LP-Gas Operations before engaging in any operations that require general liability insurance.

(g) A licensee may protect its employees by obtaining accident and health insurance coverage from an insurance company authorized to write such policies in this state as an alternative to workers' compensation coverage. The alternative coverage shall be in the amounts specified in Table 1 of this section.

(h) A state agency or institution, county, municipality, school district, or other governmental subdivision shall meet the requirements of this section for workers' compensation, general liability, and/or motor vehicle liability insurance by filing LPG Form 995 with LP-Gas Operations as evidence of self-insurance, if permitted by the Texas Labor Code, Title 5, Subtitle C, and Texas Natural Resources Code, §113.097.

(i) Self-insurance requirements.

(1) This subsection applies to a licensee's or a license applicant's motor vehicle bodily injury and property damage liability coverage and general liability coverage. A licensee or license applicant shall not elect to self-insure for more than 12 consecutive months, exclusive of the six-month period for which a letter of

credit is required to remain in effect pursuant to paragraph (4) of this subsection.

(2) A licensee or license applicant desiring to self-insure shall file with LP-Gas Operations a properly completed LPG Form 28, Notice of Election to Self-Insure (created 11/02) and a properly completed LPG Form 28-A, Bank Declarations Regarding Irrevocable Letter of Credit (created 11/02). The licensee or license applicant shall attach to the LPG Form 28-A any documentation necessary to show that the bank issuing the irrevocable letter of credit meets the requirements in paragraph (5)(E) of this subsection.

(3) The irrevocable letter of credit shall be in an amount that is no less than the total of all minimum insurance coverage amounts required by the Commission in the Table in subsection (a) of this section for every coverage for which the licensee or license applicant seeks to self-insure.

(4) The irrevocable letter of credit shall be valid until the expiration date shown on LPG Form 28, which shall be no sooner than six months after the earlier of either:

- (A) the expiration date of the license; or
- (B) the effective date of insurance coverage.

(5) A letter of credit commemorated by LPG Form 28-A shall:

- (A) be irrevocable during its term;
- (B) be payable to the Commission or Commission's designee in part or in full as directed by the Commission in compliance with an order from state or federal court;
- (C) include a guarantee from the bank that issues the letter of credit (irrevocable confirmed credit);
- (D) not apply to the licensing requirements for worker's compensation insurance including employers liability insurance or alternative accident/health insurance; and
- (E) be issued by a federally insured bank authorized to do business in the State of Texas which meets or exceeds the following requirements:

(i) Bank management shall attest that the bank is not subject to any outstanding written enforcement action, agreement, order, capital directive, or prompt corrective action directive issued by a state or federal bank regulatory agency;

(ii) The bank shall be "well capitalized" as defined in federal bank regulatory statutes with:

- (I) a total risk-based capital ratio of 10% or greater;
- (II) a Tier 1 risk-based capital ratio of 6% or greater; and
- (III) a leverage ratio of 5% or greater.

(iii) The bank shall have received a satisfactory or better rating at its most recent Community Reinvestment Act (CRA) examination by a federal bank regulatory agency;

(iv) The bank management shall attest that the full amount of the letter of credit, when added to other indebtedness of the licensee or applicant for license to the bank, is within the bank's regulatory lending limit; and

(v) The issuing bank shall be in good standing with the State Comptroller's Office regarding the payment of franchise taxes and other obligations to the state.

(6) Within 30 days of the occurrence of any incident or accident involving the business activities of a self-insured LP-gas licensee that results in property damage or loss and/or personal injuries, the licensee shall notify LP-Gas Operations in writing of the incident. The licensee shall include in the notification a list of the names and addresses of any individuals known to the licensee who may have suffered losses in the incident. The licensee shall also provide written notice to all such individuals of the licensee's status as being self-insured and of the expiration date of the licensee's letter of credit.

(j) Each licensee shall promptly notify LP-Gas Operations of any change in insurance coverage or insurance carrier by filing a properly completed revised Acord™ form; other form approved by the Texas Department of Insurance that has been prepared and signed by the insurance carrier containing all required information; or documents demonstrating the applicant's compliance with the self-insurance requirements set forth in subsection (i) of this section. Failure to promptly notify LP-Gas Operations of a change in the status of insurance coverage or insurance carrier may result in an enforcement action and an administrative penalty.

*The provisions of this §9.26 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective March 31, 2003, 28 TexReg 2741; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective November 12, 2007, 32 TexReg 8122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### §9.27. Application for an Exception to a Safety Rule.

(a) A person may apply for an exception to the provisions of this chapter by filing LPG Form 25 along with supporting documentation, and a \$50 filing fee with LP-Gas Operations.

(b) The application shall contain the following:

- (1) the section number of any applicable rules;
- (2) the type of relief desired, including the exception requested and any information which may

assist LP-Gas Operations in comprehending the requested exception;

(3) a concise statement of facts which support the applicant's request for the exception, such as the reason for the exception, the safety aspects of the exception, and the social and/or economic impact of the exception;

(4) for all stationary installations, regardless of size, a description of the acreage and/or address upon which the subject of the exception will be located. The description shall be in writing and shall include:

(A) a site drawing;

(B) sufficient identification of the site so that determination of property boundaries may be made;

(C) a plat from the applicable appraisal district indicating the ownership of the land; and

(D) the legal authority under which the applicant, if not the owner, is permitted occupancy.

(5) the name, business address, and telephone number of the applicant and of the authorized agent, if any;

(6) an original signature in ink by the party filing the application or by the authorized representative;

(7) a list of the names and addresses of all interested entities as defined in subsection (c) of this section.

(c) Notice of the application for an exception to a safety rule.

(1) The applicant shall send a copy of LPG Form 25 by certified mail, return receipt requested, or otherwise delivered to all affected entities as specified in paragraphs (2), (3), and (4) of this subsection on the same date on which the form or application is filed with or sent to LP-Gas Operations. The applicant shall include a notice to the affected entities that any objection shall be filed with LP-Gas Operations within 18 calendar days of postmark or other delivery of the application. The applicant shall file all return receipts with LP-Gas Operations as proof of notice.

(2) If an exception is requested for a stationary site, affected entities to whom the applicant shall give notice shall include but not be limited to:

(A) persons and businesses owning or occupying property adjacent to the site;

(B) the city council or fire marshal, if the site is within municipal limits; and

(C) the county Commission, if the site is not within any municipal limits.

(3) If an exception is requested for a motor or mobile fuel installation affected entities to whom the applicant shall give notice shall include but not be limited to:

(A) the Texas Department of Public Safety; and

(B) all processed gas loading and unloading facilities utilized by the applicant.

(4) LP-Gas Operations may require an applicant to give notice to persons in addition to those listed in paragraphs (2) and (3) of this subsection if doing so will not prejudice the rights of any entity.

(d) Objections to the requested exception shall be in writing, filed at LP-Gas Operations within 18 calendar days of the postmark of the application, and shall be based on facts that tend to demonstrate that, as proposed, the exception would have an adverse effect of public health, safety, or welfare. LP-Gas Operations may decline to consider objections based solely on claims of diminished property or esthetic values in the area.

(e) LP-Gas Operations shall review the application within 21 business days of receipt of the application. If LP-Gas Operations does not receive any objections from any affected entities as defined in subsection (c) of this section, the LP-Gas Operations director may administratively grant the exception if the director determines that the installation, as proposed, does not adversely affect the health or safety of the public. LP-Gas Operations shall notify the applicant in writing by the end of the 21-day review period and, if approved, the installation shall be installed within one year from the date of approval. LP-Gas Operations shall also advise the applicant at the end of the objection period as to whether any objections were received and whether the applicant may proceed. If the LP-Gas Operations director denies the exception, LP-Gas Operations shall notify the applicant in writing, outlining the reasons and any specific deficiencies. The applicant may modify the application to correct the deficiencies and resubmit the application along with a \$30 resubmission fee, or may request a hearing on the matter. To be granted a hearing, the applicant shall file a written request for hearing within 14 calendar days of receiving notice of the administrative denial.

(f) A hearing shall be held when LP-Gas Operations receives an objection as set out in subsection (d) from any affected entity, or when the applicant requests one following an administrative denial. LP-Gas Operations shall mail the notice of hearing to the applicant and all objecting entities by certified mail, return receipt requested, at least 21 calendar days prior to the date of the hearing. Hearings will be held in accordance with the Texas Government Code, Chapter 2001, et seq., Chapter 1 of this title (relating to Practice and Procedure), and this chapter.

(g) Applicants intentionally submitting incorrect or misleading information are subject to penalties in the Texas Natural Resources Code, §91.143, and the filing of incorrect or misleading information shall be grounds for dismissing the application with prejudice.

(h) After hearing, exceptions to this chapter may be granted by the Commission if the Commission finds that granting the exception for the installation, as proposed, will not adversely affect the safety of the public.

(i) A request for an exception shall expire if it is inactive for three months after the date of the letter in which the applicant was notified by LP-Gas Operations of an incomplete request. The applicant may resubmit an application request.

*The provisions of this §9.27 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.28. Reasonable Safety Provisions.** If an LP-gas installation, equipment, or appurtenances not specifically covered by the LP-Gas Safety Rules has been or will be installed, LP-Gas Operations shall apply and require any reasonable safety provisions to ensure the LP-gas installation is safe for LP-gas service. If the affected entity disagrees with LP-Gas Operations' determination, the entity may request a hearing. The installation shall not be placed into LP-gas operation until the Commission has determined that the installation is safe for LP-gas service.

*The provisions of this §9.28 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.31. LP-Gas Regional Supply Emergency Response.**

(a) The purpose of this section is to develop a distribution plan to minimize the severity of disruptions in the supplies of LP-gas in various regions of Texas. This section outlines the Commission's mechanisms for both determining that a regional LP-gas shortage exists and responding to a regional LP-gas shortage emergency.

(b) The Commission may determine that an LP-gas supply emergency exists within designated counties of the state. The Commission may also determine the duration of the regional supply emergency. The Commission shall issue notice when it has determined that an LP-gas regional supply emergency exists and when it determines that the LP-gas regional supply emergency has ended or will end. In determining whether an LP-gas regional supply emergency exists, the Commission may consider any relevant information, including but not limited to the following:

(1) notification from LP-gas storage facilities as appropriate, including, but not limited to, storage

facilities located at gas processing plants, pipeline terminals, petroleum refineries, and inland salt domes, that they are attaining maximum LP-gas withdrawal rates;

(2) notification from LP-gas licensees that sufficient supplies are not available locally or that curtailments are anticipated; and

(3) weather data.

(c) Upon the Commission finding that an LP-gas regional supply emergency exists, the Commission may request selected LP-gas loading rack operators to give first priority in loading to LP-gas transport vehicles whose cargoes are bound for counties designated as within the region subject to the LP-gas supply emergency until the regional supply emergency has been determined to be abated.

*The provisions of this §9.31 adopted to be effective February 1, 2001, 26 TexReg 947.*

**§9.32. Consumer Safety Notification.**

(a) A person holding a license to install or repair an LP-gas system who sells, installs, or repairs an LP-gas system, piping, or other equipment that is part of a system, or an appliance that is connected or attached to a system shall provide the following notice to the purchase or owner of the system, piping, or other equipment or appliance: "WARNING: Flammable Gas. The installation, modification, or repair of an LPG system by a person who is not licensed or registered to install, modify, or repair an LPG system may cause injury, harm, or loss. Contact a person licensed or registered to install, modify, or repair an LPG system. A person licensed to install or repair an LPG system may not be liable for damages caused by the modification of an LPG system by an unlicensed person except as otherwise provided by applicable law."

(b) A person holding a license to install or repair an LP-gas system who sells, installs, or repairs an LP-gas system, piping, or other equipment that is part of a system, or an appliance that is connected or attached to a system shall document the notice requirements in subsection (a) of this section.

*The provisions of this §9.32 adopted to be effective February 1, 2008, 33 TexReg 122.*

**§9.35. Written Procedure for LP-Gas Leaks.**

(a) In addition to NFPA 58 §14.4.9.1, each licensee shall maintain a written procedure to be followed when any employee receives notification of a possible leak. The licensee shall ensure that all employees are familiar with the procedure and shall authorize employees to implement the procedure without management oversight. The written procedure shall be available to emergency response agencies as specified in NFPA 58, §6.25.2 and as stated in Table 1 of §9.403 of this title, (relating to Sections in NFPA 58 Not Adopted by

Reference, and Adopted with Changes or Additional Requirements.

(b) The written procedures shall include the classification of the leak grade as defined in §9.2 of this title (relating to Definitions).

(c) The procedures shall include the appropriate action criteria for the classification of leak determined

according to the table in this section. The examples of leak conditions are provided as guidelines and are not exclusive. The judgment of the company personnel at the scene is of primary importance in determining the grade assigned to a leak.

### LP-Gas Leak Classification

| Classification | Action Criteria   | Examples  |
|----------------|---|---|
| Grade 1        | Requires prompt action to protect life and property. The prompt action in some instances may require one or more of the following:<br>1. Implementation of company emergency plan<br>2. Evacuating premises<br>3. Blocking off an area<br>4. Rerouting traffic<br>5. Eliminating sources of ignition<br>6. Venting the area<br>7. Stopping the flow of gas by closing valves or other means<br>8. Notifying police and fire departments | 1. Any leak which, in the judgment of operating personnel at the scene is regarded as an immediate hazard<br>2. Escaping gas that has ignited<br>3. Any indication of gas which has migrated into or under a building or into a tunnel<br>4. Any leak that can be seen, heard or felt and which is in a location that may endanger the general public or property |
| Grade 2        | Many Grade 2 leaks, because of their location and magnitude, can be scheduled for repair on a normal routine basis with periodic re-inspection as necessary.<br><br>Product may not be introduced into a container with a Grade 2 leak on a container appurtenance until the leak is repaired.  | Any leak which, in the judgment of operating personnel at the scene, is NOT regarded as an immediate hazard shall be scheduled for repair, where no migration of gas into or under a building or into a tunnel is evident   |

*The provisions of this §9.35 adopted to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*

**§9.36. Report of LP-Gas Incident/Accident.**

(a) At the earliest practical moment or within two hours following discovery, a licensee owning, operating, or servicing the equipment of an installation shall notify LP-Gas Operations by telephone of any event involving LP-gas which:

- (1) caused a death or any personal injury requiring hospitalization; or
- (2) required taking an operating facility out of service; or
- (3) resulted in unintentional gas ignition requiring an emergency response; or
- (4) involved the LP-gas installation on any vehicle propelled by or transporting LP-gas; or
- (5) caused an estimated damage to the property of the operator, others, or both totaling \$5,000 or more, including gas loss; or

(6) could reasonably be judged as significant because of rerouting of traffic, evacuation of buildings, or media interest even though it does not meet paragraphs (1) - (5) of this subsection; or

(7) is required to be reported to any other state or federal agency (such as the Texas Department of Public Safety or the United States Department of Transportation).

(b) The telephonic notice required by this section shall be made to the Railroad Commission's 24-hour emergency line at (512) 463-6788 and shall include the following:

- (1) name of reporting operator;
- (2) location of leak or incident;
- (3) time of incident;
- (4) fatalities and/or personal injuries;
- (5) phone number of operator;
- (6) status of incident regarding immediate hazard; and
- (7) other significant facts relevant to the incident.

(c) Following the initial telephone report, the LP-gas licensee who made the telephone report shall submit a properly completed LPG Form 20 to LP-Gas Operations. The report shall be postmarked within 14 calendar days of the date of initial notification to LP-Gas Operations, or within five business days of receipt of the fire department's report, whichever occurs first, unless LP-Gas Operations grants authorization for a longer period of time when additional investigation or information is necessary.

(d) Within five business days of receipt, LP-Gas Operations shall review LPG Form 20 and notify in writing the person submitting the LPG Form 20 if the report is incomplete and specify in detail what information is lacking or needed. Incomplete reports may delay the resumption of LP-gas activities at the involved location.

(e) In the case of an accident or incident at a Category P licensee's location, the Category P licensee shall immediately notify the Category E, J, or other licensee who supplies cylinders to the Category P licensee and the Category E, J, or other licensee shall be responsible for making the accident or incident report to LP-Gas Operations as specified in this section.

*The provisions of this §9.36 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.37. Termination of LP-Gas Service.*

(a) If LP-Gas Operations determines that any LP-gas container or installation constitutes an immediate danger to the public health, safety, and welfare, LP-Gas Operations shall require the immediate removal of liquid and vapor LP-gas and/or the immediate disconnection by a properly licensed company to the extent necessary to eliminate the danger. This may include appliances, equipment, or any part of the system including the servicing container. A warning tag shall be installed by LP-Gas Operations until the unsafe condition is remedied. Once the unsafe condition is corrected, the tag may be removed if authorized by LP-Gas Operations.

(b) If LP-Gas Operations determines that any LP-gas container or installation does not comply with the Texas Natural Resources Code, Chapter 113, or the LP-Gas Safety Rules, but does not constitute an immediate danger to the public health, safety, and welfare, LP-Gas Operations shall take action to ensure that the container or installation comes into compliance as soon as practicable. LP-Gas Operations action may include the placement of a warning tag. Once the container or installation complies with Texas Natural Resources Code, Chapter 113, and the LP-Gas Safety Rules, LP-

Gas Operations may remove or delegate the removal of the warning tag.

(c) If the affected entity disagrees with the removal from service and/or placement of a warning tag, the entity may request a review of LP-Gas Operations' decision within 10 calendar days. LP-Gas Operations shall notify such entity of its finding, in writing, stating the deficiencies, within 10 business days. If the entity disagrees, the entity may request or LP-Gas Operations on its own motion may call a hearing. Such installation shall be brought into compliance or removed from service until such time as the final decision is rendered by the Commission.

*The provisions of this §9.37 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.38. Reporting Unsafe LP-Gas Activities.*

(a) A person may report any unsafe or noncompliant LP-gas activities to LP-Gas Operations by mail, telephone, electronic mail, or facsimile transmission (fax). When possible, the person shall make the report using LPG Form 22. If a person makes a report of unsafe or noncompliant LP-gas activities to LP-Gas Operations without using LPG Form 22, LP-Gas Operations shall complete the LPG Form 22. Within five business days of receipt of such report, LP-Gas Operations shall notify the licensee and any other applicable persons in writing regarding the report and specify the reported violations, if any.

(b) If the submitting person does not specifically request anonymity, the Commission may release the person's name in accordance with any applicable open records procedures.

(c) A person who reports unsafe LP-gas activities may be called to testify at a Commission hearing if one is necessary following the initiation of an enforcement action.

*The provisions of this §9.38 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.41. Testing of LP-Gas Systems in School Facilities.*

(a) Definitions. The following words and terms, when used in this section, have the following meanings, unless the context clearly indicates otherwise:

(1) Leakage test--An operation performed on a school LP-gas system using LP-gas as the test medium at not more than normal operating pressure and a gauging instrument measuring gas pressure in psig, ounces/square inch, or inches of water column to verify there is no gas leakage.



(2) School district--An entity created under the laws of this state and accredited by the Texas Education Agency under Texas Education Code, Chapter 39, Subchapter D; a private elementary or secondary school, other than a school in a residence; or a state or regional school for the blind and visually impaired or the deaf created under Texas Education Code, Chapter 30.

(3) School district facility--Each building or structure operated by a school district and equipped with a school LP-gas system, in which students receive instructions or participate in school sponsored extracurricular activities, excluding maintenance or bus facilities, vehicle fueling facilities, administrative offices, and similar facilities not regularly used by students.

(4) School LP-gas system--All piping, fittings, valves, regulators, appliance connectors, equipment, and connections supplying fuel gas from the outlet of the shutoff valve at each LP-gas storage container or upstream of each meter to the shutoff valve(s) on each appliance in a school district facility.

(5) Supplier--An individual or company that sells and delivers LP-gas to a school district facility. If more than one individual or company sells and delivers LP-gas to a school district facility, each individual or company is a supplier for purposes of this section.

(b) School district requirements. A school district shall ensure that a leakage test is performed on each school LP-gas system as specified in this section. The leakage test shall be performed by an LP-gas licensee, an individual registered with the Commission pursuant to §9.13 of this title (relating to General Installers and Repairman Exemption), or an employee of the school district who has been certified by the Commission to perform such a test.

(1) If a leak is found in a school LP-gas system, the school district shall immediately remove the affected school district facility from LP-gas service until repairs are made and it passes a subsequent school LP-gas system leakage test. If an employee of a school district performs the initial test, then the subsequent test may not be performed by a school district employee.

(2) Each school district shall provide the district's supplier with a copy of the most current LP-Gas Form 30 as proof the school LP-gas system has been tested in accordance with this section.

(3) A school district shall retain LPG Form 30 specifying the date and result of the leakage test performed on each school LP-gas system for a minimum of five years from the date each test was performed. A school district shall make LPG Form 30 readily available for review by the Commission or its authorized representative upon request.

(c) Leakage test requirements.

(1) The results of each leakage test shall be immediately documented on LPG Form 30.

(2) LP-gas shall be used as the test medium.

(3) Leakage test pressure shall not exceed normal operating pressure.

(4) Leakage test duration shall not be less than 30 minutes.

(5) Test pressure shall be monitored with a manometer or with a pressure-measuring instrument designed and calibrated to read, record, or indicate a pressure loss caused by leakage during the test period. Mechanical gauges used to measure test pressures shall have a range such that the highest end of the scale is not greater than five times the test pressure.

(6) The manual shutoff valve installed in the piping upstream of each appliance must be open and must supply pressure to the appliance. To prove the integrity of the 100 percent pilot shutoff valve on each appliance so equipped, the manual control on the 100 percent pilot shutoff valve must be turned to the on position. Pilots not incorporating a 100 percent pilot shutoff valve and all manual gas valves not incorporating safety shutoff systems shall be in the off position prior to the leakage test.

(d) Methods for conducting a leakage test.

(1) Upstream of first stage regulator. Insert a pressure gauge between the manual shutoff valve on the container(s) and the first stage regulator. Admit full container pressure to the system, and then close the manual shutoff valve on the container(s). Release gas from the system to lower the pressure gauge reading by 10 psig. If there is no decrease or increase in gauge pressure after the minimum test duration, the system has no leakage and may remain in service.

(2) Between first stage and second stage regulators. Insert a pressure gauge with a 30-psig scale downstream of the first stage regulator, pressurize the system to normal operating pressure, and then close the manual shutoff valve on the container(s). Release LP-gas from the system to lower the pressure gauge reading by at least one-half the inlet pressure to the second stage regulator. If there is no decrease or increase in gauge pressure after the minimum test duration, the system has no leakage and may remain in service.

(3) Downstream of final stage regulator(s). For systems serving appliances that receive gas at pressures of 1/2 psig or less, insert a water manometer or pressure gauge into the system downstream of the final system regulator. Pressurize the system to normal operating pressure and close the manual shutoff valve on the container(s). To ensure that all regulators in the system are unlocked and a leak anywhere in the system is communicated to the gauging instrument, release enough gas from the system, through a range burner or other suitable means, to drop the pressure to 9 (plus or

minus 1/2) inches of water column. If there is no decrease or increase in gauge pressure after the minimum test duration, the system has no leakage and may remain in service.

(e) Supplier requirements. A supplier shall terminate LP-gas service to a school district facility if:

(1) the supplier receives official notification from the school district, the LP-gas licensee, or the person conducting the leakage test that there is leakage in a school LP-gas system;

(2) the leakage test performed on a school LP-gas system was not performed in accordance with the requirements of this section; or

(3) the supplier has not received a copy of LPG Form 30 from the school district verifying that the school LP-gas system has been tested in accordance with this section.

(f) Commission requirements.

(1) At the request of a school district, the Commission shall assist the district in providing for the certification of an employee of the school district or school, as applicable, to conduct a leakage test.

(2) LP-Gas Operations shall initiate any enforcement proceedings necessary under Texas Natural Resources Code, Chapter 113.

(g) Compliance deadlines.

(1) Each school district shall ensure a leakage test is performed as required by this section at least once every two years beginning with the 2010-2011 school year.

(2) School districts shall complete the initial leakage tests before the beginning of the 2010-2011 school year. In the case of a year-round school, a school district shall ensure that a leakage test in each school district facility is conducted and reported not later than July 1 of the year in which the test is performed, with the first test due by July 1, 2010.

(3) A school district may perform the leakage tests on a two-year cycle provided that at least one-half of the school district's facilities are tested each year.

*The provisions of this §9.41 adopted to be effective April 10, 2002, 27 TexReg 2815; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 28, 2009, 34 TexReg 9405; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.51. General Requirements for LP-Gas Training and Continuing Education.*

(a) In addition to complying with NFPA §§4.4 and 11.2, effective March 1, 2001, individuals shall comply with the training and continuing education requirements in this chapter.

(b) Applicants for new licenses or new certificates, as set forth in §9.7 and §9.8 of this title (relating to

Application for License and License Renewal Requirements, and Application for a New Certificate, respectively) and persons holding existing licenses or certificates shall comply with the training or continuing education requirements in this chapter. Any individual who fails to comply with the training or continuing education requirements by the assigned deadline may regain certification by paying the nonrefundable course fee and satisfactorily completing an authorized training or continuing education course within two years of the deadline. In addition to paying the course fee, the person shall pay any fee or late penalties to AFRED.

(1) The training requirements apply only to applicants for Category D, E, F, G, I, J, K, or M management-level certificates and certain employee-level certificates.

(2) The continuing education requirements apply to:

(A) all management-level certificate holders and employee-level certificate holders as specified in the tables in §9.52 of this title (relating to Training and Continuing Education Courses); and

(B) any ultimate consumer who has purchased, leased, or obtained other rights in any LP-gas bobtail, including any employee of such ultimate consumer if that employee drives or in any way operates the equipment on an LP-gas bobtail.

(3) The training and continuing education requirements do not apply to:

(A) an ultimate consumer driving or fueling a motor vehicle powered by LP-gas;

(B) an individual who fuels motor vehicles as an employee of an ultimate consumer;

(C) an employee of a state agency, county, municipality, school district, or other governmental subdivision, unless such an individual is or becomes certified;

(D) an individual with a general installers and repairman exemption; or

(E) anyone certified only as a transport driver, or who holds only an on-road motor fuel, non-road motor fuel, or mobile fuel certification.

(4) Each individual who performs LP-gas activities as an employee of an ultimate consumer or a state agency, county, municipality, school district, or other governmental subdivision shall be properly supervised by his or her employer. Any such individual who is not certified by the Commission to perform such LP-gas activities shall be properly trained by a competent person in the safe performance of such LP-gas activities.

(c) Individual credit. Successful completion of any required training or continuing education class shall be credited to and accrue to the individual.

(d) No partial credit. Individuals attending classes shall receive credit only if they attend the entire class

and pay any training or continuing education course fees in full. The Commission shall not award partial credit for partial attendance.

(e) Schedules. Dates and locations of available AFRED LP-gas training and continuing education classes can be obtained in the Austin offices of AFRED, and on the Commission's web site at [www.rrc.state.tx.us](http://www.rrc.state.tx.us) and shall be updated at least monthly. AFRED classes shall be conducted in Austin and in other locations around the state. Individuals or companies may request in writing that AFRED classes be taught in their area. AFRED shall schedule its classes and locations at its discretion.

(f) Registering for a class.

(1) To register for a scheduled training or continuing education class, an individual shall complete the registration form provided by AFRED and file the form with the AFRED training section prior to the class. AFRED shall also accept class registrations via regular mail, electronic mail (e-mail), or facsimile transmission (fax); such requests shall include the applicant's full name, address, phone number, level (either manager or employee) and category of certification (such as cylinder filling or service and installation), e-mail address, and the name or number, location, and date of the requested class.

(2) Costs for classes.

(A) Each registration for a training class shall require the payment of the applicable nonrefundable class fee as follows:

(i) \$75 for an initial eight-hour class;

(ii) \$150 for the initial 16-hour Category F, G, I, and J class; and

(iii) \$750 for the initial 80-hour Category E class.

(B) The Category E, F, G, I, and J class fees do not include the management-level rules examination or license fee described in §9.6 and §9.10 of this title (relating to Licenses and Fees, and Rules Examination, respectively).

(C) Current certificate holders who have paid the annual renewal fee and who want to add a new certification other than Category E, F, G, I or J shall not be required to pay the \$75 class fee.

(D) Continuing education classes shall be offered at no charge to certificate holders who have timely paid the annual certificate renewal fee specified in §9.9 of this title (relating to Requirements for Certificate Renewal).

(E) Requests for classes where no training or continuing education class credit is given shall be submitted in writing to the AFRED training section. The AFRED training section may conduct the requested classes at its discretion. The nonrefundable fee for a non-credit class is \$250 if no overnight expenses are incurred by the AFRED training section, or \$500 if

overnight expenses are incurred. AFRED may waive the fee for a non-credit class in cases where the Commission recovers the cost of the class from another source, such as a grant.

(F) AFRED may charge reasonable fees for materials for classes using third-party materials.

(3) AFRED shall schedule individuals to attend classes on a first-come, first-served basis, except as follows:

(A) Priority for attending the 16-hour Category F, G, I, and J class, and the 80-hour Category E class is based on when the class fee is paid.

(B) Priority for attending classes other than the 16-hour Category F, G, I, and J class, and the 80-hour Category E class shall be given to applicants or certificate holders who must comply with training or continuing education requirements by the next May 31 deadline.

(C) If any class has fewer than eight individuals registered within seven calendar days prior to the class, AFRED may cancel the class and may reschedule the registered individuals in another class agreed upon by the individuals and the AFRED training section. The AFRED training section reserves the right to determine class sizes for all classes.

(4) If a previously registered individual is unable to attend the class at the time and place for which the individual is registered due to illness or other unforeseen circumstances, another individual from the same company may attend that same class in his or her place.

(5) Applicants who take classes offered by an entity other than AFRED shall comply with the registration, fee, and other requirements specified by that entity.

(g) Retention of records. Individual applicants or certificate holders shall be responsible for promptly notifying the AFRED training section in writing of any discrepancies or errors in the training or continuing education records, and shall notify AFRED of any discrepancies or errors in examination records or certification cards. In the event of a discrepancy, AFRED's records, including due dates, shall be deemed correct unless the individual has copies of applicable documents which clarify the discrepancy.

*The provisions of this §9.51 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective August 25, 2003, 28 TexReg 6831; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective March 1, 2006, 31 TexReg 843; amended to be effective February 1, 2008, 33 TexReg 138; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.52. Training and Continuing Education Courses.*

(a) Training. In addition to complying with NFPA §§4.4 and 11.2, applicants for a new certification and applicants who have passed a certification examination but have not completed an applicable training course shall complete training as specified in the tables in subsection (h) of this section prior to their first certificate renewal deadline. Category E management-level applicants shall attend the 80-hour class; Category F, G, I, and J management-level applicants shall attend the 16-hour class; and Category D, K and M management-level applicants and all applicants for employee-level certifications that are subject to training requirements shall attend an eight-hour class. A certificate holder's training deadline shall not be extended if that individual retakes and passes an examination for the current category and level of certification. A training deadline shall be extended only after a certificate holder successfully completes an applicable training class.

(1) Individuals who pass an employee-level rules examination between March 1 and May 31 of any year shall have until May 31 of the next year to complete any required training. Individuals who pass an employee-level rules examination at other times shall have until the next May 31 to complete any required training. Completion of AFT shall be in accordance with subsection (g) of this section.

(2) Applicants for company representative or operations supervisor shall comply with the training requirements in this section prior to the Commission issuing a certificate.

(b) Continuing education. A certificate holder shall complete at least eight hours of continuing education every four years as specified in the tables in subsection (h) of this section. Upon fulfillment of this requirement, the certificate holder's next continuing education deadline shall be four years after the May 31 following the date of the most recent class the certificate holder has completed, unless the class was completed on May 31, in which case the deadline shall be four years from that date. A certificate holder's continuing education deadline shall not be extended if an examination for a current category and level of certification is retaken and passed; a continuing education deadline shall be extended only after a certificate holder successfully completes an applicable continuing education class. An individual who completes a continuing education class after the assigned deadline shall have four years from the original deadline to complete the next class.

(1) Continuing education requirements for certain categories.

(A) Certificate holders who hold only a Category D, F, G, J, or K certificate as of the effective date of this section shall have completed their initial continuing education requirement by May 31, 2005. Beginning September 1, 2005, Category M and

recreational vehicle technician certificate holders shall have completed their initial continuing education requirement by May 31, 2006. Certificate holders who hold a Category D, F, G, J, K, or M certificate or a recreational vehicle technician certificate and who have more than one certification as of February 1, 2001, shall complete their continuing education requirement by the continuing education deadline assigned for the initial certificate. Public employees who were certified as of June 1, 2006, shall have completed their continuing education requirement by May 31, 2007.

(B) Certificate holders who are certified to perform LP-gas activities covered by different certifications shall complete the continuing education requirements for any one of the certifications held in order to maintain active status. For each subsequent continuing education requirement, such individuals shall be responsible for attending a different continuing education class relevant to one of the other certifications held.

(2) Certificate holders who attend a class offered by an outside instructor shall not be entitled to a refund of the annual renewal fee or any other fees or penalties required by the Commission.

(3) Individuals who have not paid the annual certificate renewal fee, including general installers and repairman exemption holders or members of the general public, shall not attend training or continuing education classes free of charge, but may request from the AFRED training section to attend classes at the charge specified in §9.51 of this title (relating to General Requirements for Training and Continuing Education). Such requests shall be in writing and handled at AFRED's discretion on an individual basis and if space is available in the requested class.

(4) Any certificate holder who has timely paid the annual certificate renewal fee but is not otherwise required to attend a Commission continuing education class may voluntarily attend a class, if space is available, by registering with the AFRED training section as specified in §9.51 of this title (relating to General Requirements for Training and Continuing Education).

(c) Adding a new certification. A current certificate holder who successfully completes an examination for an additional certification that requires completion of a training course shall be assigned a training deadline pursuant to subsection (a)(1) of this section. Upon completion of the required training, the certificate holder shall be assigned a continuing education date pursuant to subsection (b) of this section.

(d) Train-the-Trainer classes. The Train-the-Trainer classes shall not count as credit towards the training or continuing education requirements.

(e) Class materials. Individuals who attend AFRED-taught classes shall receive a copy of the class

materials at no charge. Additional copies may be purchased from AFRED at the established price.

(f) Certificates of completion. The AFRED training section shall issue a certificate of completion to each individual who completes an AFRED-taught class. Individuals shall retain the certificates as proof of completion of the class.

(g) Advanced field training (AFT). Some classes may include AFT in addition to the classroom hours, during which class attendees shall perform LP-gas activities. AFT shall be properly completed within 30 calendar days of attending the class. All qualification tasks included in the AFT shall be completed. The AFT materials, including the qualification checklist and the certification page, shall be readily available at the licensee's Texas business location for review by an authorized Commission representative during normal business hours.

(1) The responsibility of certifying AFT activities shall not be delegated to an unauthorized individual. AFT qualification tasks shall be witnessed by an authorized individual, verified as being successfully completed, and the AFT form signed as follows:

(A) For licensees with only one company representative, that company representative shall self-certify the AFT.

(B) For licensees with more than one company representative, one company representative may certify the AFT of another company representative, but shall not self-certify.

(C) Company representatives shall certify operations supervisors' AFT.

(D) The company representative or an operations supervisor authorized by the licensee and in current good standing with the Commission shall certify the employees' AFT.

(E) If authorized, a Commission-approved outside instructor may certify any AFT.

(2) Other AFT situations shall be handled as follows:

(A) For a certified individual employed by a licensee, the licensee shall retain the most recently completed AFT material for each applicable category of the individual's certification in the individual's employment records.

(B) For an individual who ceases employment with a licensee, the licensee shall retain the latest required AFT material for at least two years from the date the individual is no longer employed by the licensee. The two-year period shall be based on the renewal period for the examination renewal fee penalty. The licensee shall provide a copy of the AFT material to the individual.

(C) For an individual who begins employment with a different licensee, the new licensee

shall obtain a copy of the individual's AFT material from the individual and shall place the copy in the individual's employment records.

(D) An individual who is never employed by a licensee shall retain the most recently completed AFT material for each applicable category of the individual's certification in a safe location for at least two years from the date the class that required the AFT was attended.

(E) For an individual who is employed by a licensee when a class requiring AFT is attended, but who prior to the AFT's being certified becomes employed by a new licensee, the new licensee shall certify the individual's AFT.

(F) For an individual who is employed by a licensee when a class requiring AFT is attended, but who prior to the AFT's being certified ceases employment with the licensee and wishes to continue performing LP-gas activities, the individual shall contact a company representative or operations supervisor of another applicable licensee or an AFRED-approved outside instructor to complete the AFT and maintain the LP-gas certification.

(3) Individuals who attend the 80-hour Category E management-level class or the 16-hour Category F, G, I, and J management-level class shall perform any required AFT activities during the class.

(4) If AFT is required for a class, the AFT checklist outlining the specific activities to be performed shall be included in the class materials.

(5) A certified individual is exempt from the AFT requirement of a continuing education course if the individual has previously completed that same course, including the AFT.

(h) Available courses. Training and continuing education courses and other information are shown in Tables 1 through 4 of this subsection. Items on the tables marked with an "x" indicate courses that meet training or continuing education requirements for management-level or employee-level certificate holders in that category.

**LP-GAS MANAGEMENT-LEVEL TRAINING AND CONTINUING EDUCATION COURSES (Revised February 2007)**

**Table One**

| Course Number | Course Hours | AFT | Course Title  | Category D Mgmt. | Category E Mgmt. | Category F Mgmt. | Category G Mgmt. | Category I Mgmt. | Category J Mgmt. | Category K Mgmt. | Category M Mgmt. |
|---------------|--------------|-----|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 1.1           | 8            |     | Introduction to Propane   | x                | x                | x                | x                | x                | x                | x                | x                |
| 2.1           | 8            | x   | Dispenser Operations  |                  | x                | x                | x                | x                |                  |                  |                  |
| 2.3           | 8            | x   | Bobtail Operations  |                  | x                |                  |                  |                  |                  |                  |                  |
| 3.1           | 8            |     | Residential System Layout and Design                                | x                | x                |                  |                  |                  |                  | x                |                  |
| 3.2           | 8            | x   | Residential System Installation                                     | x                | x                |                  |                  |                  |                  |                  |                  |
| 3.3           | 8            | x   | Appliance Conversion, Installation and Venting                      | x                | x                |                  |                  |                  |                  |                  |                  |
| 3.5           | 8            |     | Residential Appliance Controls                                      | x                | x                |                  |                  |                  |                  |                  |                  |
| 3.7           | 8            |     | Electrical Troubleshooting and Repair of Residential Gas Appliances | x                | x                |                  |                  |                  |                  |                  |                  |
| 3.8           | 8            | x   | Recreational Vehicle Gas Appliances                                 |                  |                  |                  |                  |                  |                  |                  | x                |
| 3.11          | 8            |     | Residential System Inspection                                       | x                | x                |                  |                  |                  |                  |                  |                  |
| 6.1           | 8            |     | Regulatory Compliance for Managers                                  | x                | x                | x                | x                | x                | x                | x                | x                |
| 80            | 80           |     | Category E Management Course  | x                | x                | x                | x                | x                | x                | x                | x                |
| 16            | 16           |     | Category F, G, I, and J Management Course                           |                  | x                | x                | x                | x                | x                |                  |                  |

**LP-GAS EMPLOYEE-LEVEL TRAINING AND CONTINUING EDUCATION COURSES (Revised February 2008)**

**Table Two**

| Course Number | Course Hours | AFT | Course Title  | DOT Cylinder Filling | Motor & Mobile Fuel Dispensing | Bobtail | Service & Installation | Appliance Service & Installation | Recreational Vehicle |
|---------------|--------------|-----|---|----------------------|--------------------------------|---------|------------------------|----------------------------------|----------------------|
| 1.1           | 8            |     | Introduction to Propane   | x                    | x                              | x       | x                      | x                                | x                    |
| 2.1           | 8            | x   | Dispenser Operations  | x                    | x                              | x       |                        |                                  |                      |
| 2.3           | 8            | x   | Bobtail Operations  |                      |                                | x       |                        |                                  |                      |
| 3.1           | 8            |     | Residential System Layout and Design                                |                      |                                |         | x                      |                                  |                      |
| 3.2           | 8            | x   | Residential System Installation                                     |                      |                                |         | x                      |                                  |                      |
| 3.3           | 8            | x   | Appliance Conversion, Installation and Venting                      |                      |                                |         | x                      | x                                |                      |
| 3.5           | 8            |     | Residential Appliance Controls                                      |                      |                                |         | x                      | x                                | x                    |
| 3.7           | 8            |     | Electrical Troubleshooting and Repair of Residential Gas Appliances |                      |                                |         | x                      | x                                |                      |
| 3.8           | 8            | x   | Recreational Vehicle Gas Appliances                                 |                      |                                |         |                        |                                  | x                    |
| 3.11          | 8            |     | Residential System Inspection                                       |                      |                                |         | x                      | x                                |                      |
| 80            | 80           |     | Category E Management Course  | x                    | x                              | x       | x                      | x                                | x                    |
| 16            | 16           |     | Category F, G, I, and J Management Course                           | x                    | x                              | x       |                        |                                  |                      |

**COURSES WHICH COUNT TOWARDS CONTINUING EDUCATION CREDIT  
FOR MANAGEMENT-LEVEL CERTIFICATE HOLDERS (Revised February 2008)**

**Table Three**

| Course Number        | Credit Hours <sup>1</sup> | Course Title  | Category D Mgmt. | Category E Mgmt. | Category F Mgmt. | Category G Mgmt. | Category I Mgmt. | Category J Mgmt. | Category K Mgmt. | Category M Mgmt. |
|----------------------|---------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| CETP 1.0             | 8                         | Basic Principles and Practices  | x                | x                | x                | x                | x                | x                | x                | x                |
| CETP 2.1             | 8                         | Delivery Basics   |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 2.2             | 8                         | Operating a Bobtail to Deliver Propane  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 2.3             | 8                         | Operating a Transport to Deliver Propane  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 2.4             | 8                         | Operating a Cylinder Delivery Vehicle to Deliver Propane                              |                  | x                |                  |                  |                  | x                |                  |                  |
| CETP 2.5             | 8                         | Operating a Truck, Tank Trailer or Tractor/ Trailer to Deliver or Relocate ASME Tanks |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 3.1             | 8                         | Maintaining ASME Tanks  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 3.2             | 8                         | Maintaining DOT Cylinders   |                  | x                | x                |                  | x                | x                |                  |                  |
| CETP 3.3             | 8                         | Operating Dispensing Equipment to Fill Containers                                     |                  | x                | x                | x                | x                | x                |                  |                  |
| CETP 3.4             | 8                         | Maintaining Bulk Plant Equipment  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 3.5             | 8                         | Performing Cargo Tank Product Transfers   |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 3.6             | 8                         | Performing Railcar Product Transfers  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 3.7             | 8                         | Maintaining DOT Intermodal (IM) Tanks   |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 4.1             | 8                         | Layout, Design, and Selection of a Vapor Distribution System                          | x                | x                |                  |                  |                  |                  |                  |                  |
| CETP 4.2             | 8                         | Preparing and Installing Vapor Distribution Systems                                   | x                | x                |                  |                  |                  |                  |                  |                  |
| CETP 5.0             | 8                         | Transfer System Operations  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 6.0             | 8                         | Appliance Installation  |                  | x                |                  |                  |                  |                  |                  |                  |
| CETP 7.0             | 8                         | Basic Electricity for Propane Appliances  | x                | x                |                  |                  |                  |                  |                  |                  |
| CETP 8.0             | 8                         | Large Industrial/Commercial Gas-Fired Equipment                                       | x                | x                |                  |                  |                  |                  |                  |                  |
| PERC<br>GAS<br>Check | 8                         | GAS Check   | x                | x                |                  |                  |                  |                  |                  |                  |

<sup>1</sup> Credit hours may not equal the total number of course hours.



**COURSES WHICH COUNT TOWARDS CONTINUING EDUCATION CREDIT  
FOR EMPLOYEE-LEVEL APPLICANTS OR CERTIFICATE HOLDERS (Revised February 2008)**

**Table Four**

| Course Number  | Credit Hours | Course Title   | Portable Cylinder Filling | Motor & Mobile Fuel | Bobtail | Service & Installation | Appliance Service & Installation | RV Technician |
|----------------|--------------|--|---------------------------|---------------------|---------|------------------------|----------------------------------|---------------|
| CETP 1.0       | 8            | Basic Principles and Practices   | x                         | x                   | x       | x                      | x                                | x             |
| CETP 2.1       | 8            | Delivery Basics  |                           |                     |         |                        |                                  |               |
| CETP 2.2       | 8            | Operating a Bobtail to Deliver Propane   |                           |                     | x       |                        |                                  |               |
| CETP 2.3       | 8            | Operating a Transport to Deliver Propane   |                           |                     | x       |                        |                                  |               |
| CETP 2.4       | 8            | Operating a Cylinder Delivery Vehicle to Deliver Propane                             |                           |                     |         |                        |                                  |               |
| CETP 2.5       | 8            | Operating a Truck, Tank Trailer or Tractor/Trailer to Deliver or Relocate ASME Tanks |                           |                     |         | x                      |                                  |               |
| CETP 3.1       | 8            | Maintaining ASME Tanks   |                           |                     |         | x                      |                                  |               |
| CETP 3.2       | 8            | Maintaining DOT Cylinders  | x                         |                     |         |                        |                                  |               |
| CETP 3.3       | 8            | Operating Dispensing Equipment to Fill Containers                                    | x                         | x                   |         |                        |                                  |               |
| CETP 3.4       | 8            | Maintaining Bulk Plant Equipment   |                           |                     |         | x                      |                                  |               |
| CETP 3.5       | 8            | Performing Cargo Tank Product Transfers  |                           |                     | x       |                        |                                  |               |
| CETP 3.6       | 8            | Performing Railcar Product Transfers   |                           |                     |         |                        |                                  |               |
| CETP 3.7       | 8            | Maintaining DOT Intermodal (IM) Tanks  |                           |                     |         |                        |                                  |               |
| CETP 4.1       | 8            | Layout, Design, and Selection of a Vapor Distribution System                         |                           |                     |         | x                      |                                  |               |
| CETP 4.2       | 8            | Preparing and Installing Vapor Distribution Systems                                  |                           |                     |         | x                      |                                  |               |
| CETP 5.0       | 8            | Transfer System Operations   |                           |                     | x       | x                      |                                  |               |
| CETP 6.0       | 8            | Appliance Installation   |                           |                     |         | x                      | x                                |               |
| CETP 7.0       | 8            | Basic Electricity for Propane Appliances   |                           |                     |         | x                      | x                                |               |
| CETP 8.0       | 8            | Large Industrial/Commercial Gas-Fired Equipment                                      |                           |                     |         | x                      |                                  |               |
| PERC GAS Check | 8            | GAS Check  |                           |                     | x       | x                      | x                                |               |

Note: The CETP 2.4, 3.6, and 3.7 courses are not accepted by the Commission for continuing education credit.

<sup>1</sup> Credit hours may not equal the total number of course hours.

(i) Credit for attendance at CETP courses. A certificate holder who has successfully completed a CETP class, including any applicable knowledge and skills assessments, may receive credit toward the continuing education requirements specified in this section as follows:

(1) The CETP class shall be approved for the category of certificate held as indicated on Tables 3 and 4 in subsection (h) of this section.

(2) The successful completion of a CETP class is determined by a National Propane Gas Association class certificate, which is issued only after an individual has completed the prescribed course of study, including any related knowledge and skills assessments, for the applicable CETP job classification.

(3) To receive credit toward the Commission's continuing education requirements, the certificate holder shall submit the following information, clearly readable, by regular mail to AFRED, Railroad Commission of Texas, P.O. Box 12967, Austin, Texas 78711-2967, or by electronic mail to the following address: CETP-credit@rrc.state.tx.us.

(A) the individual's full name, address, telephone number, Social Security number;

(B) the LP-gas certification(s) currently held; and

(C) the CETP class date and a readable copy of the CETP class certificate for an approved CETP class as specified in Tables 3 and 4 of subsection (h) of this section. The CETP class attendance date shall be within one year of the certificate holder's continuing education deadline.

(4) AFRED shall review the submitted material within 30 business days of receipt and shall notify the certificate holder in writing that the request is approved, denied, or incomplete. If the material is incomplete, AFRED shall identify the necessary additional information required. The certificate holder shall file the additional information within 30 calendar days of the date of a notice of deficiency in order to receive credit for the CETP course attendance. Certificate holders requesting credit for CETP class attendance shall submit such requests to allow processing time so that a request is finally approved by May 31 in order for the certificate holder to receive credit toward that deadline.

*The provisions of this §9.52 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective May 28, 2001, 26 TexReg 3742; amended to be effective August 25, 2003, 28 TexReg 6831; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective May 1, 2006, 31 TexReg 3532; amended to be effective February 12, 2007, 32 TexReg 519; amended to be effective February 1, 2008, 33 TexReg 138.*

#### §9.54. Commission-Approved Outside Instructors.

(a) General.

(1) AFRED may approve and award training or continuing education credit for the management-level and employee-level applicants and certificate holders specified in this section offered by an outside instructor provided the outside instructor complies with the requirements of this section.

(A) Authorized Category D outside instructors may offer only the applicable training and continuing education classes to Category D or K management-level applicants or certificate holders and to service and installation and appliance service and installation employee-level applicants or certificate holders.

(B) Authorized Category E outside instructors may offer only the applicable training and continuing education classes to Category D or K management-level applicants and to portable cylinder filling, motor/mobile fuel dispenser, bobtail, service and installation, and appliance service and installation applicants and employee-level certificate holders.

(C) Authorized Category I outside instructors may offer only the applicable training and continuing education classes to Category F, G, I, and J management-level certificate holders and DOT cylinder filling and motor/mobile fuel dispenser applicants and employee-level certificate holders.

(D) Authorized Category M outside instructors may offer only the applicable training and continuing education classes to Category M management-level applicants and recreational vehicle technician employee-level applicants or certificate holders.

(2) LP-gas companies may offer courses to their own personnel and to other companies' personnel provided that the LP-gas company and the outside instructor comply with the requirements of this section.

(3) All curriculum and course materials submitted for AFRED review by an outside instructor applicant shall be printed or typewritten, organized, and easily readable, and shall remain confidential within the limits of Tex. Gov't Code, Chapter 552 (Public Information Act).

(4) Copies of the AFRED curricula and materials are available from AFRED at a reasonable cost.

(b) Application process. Outside instructor applicants shall submit the following to AFRED:

(1) a non-refundable \$300 registration fee for each outside instructor;

(2) a copy of the applicant's Category D, E, I, or M current certification card or, in the case of Category D only, a copy of the master or journeyman plumber/class A or B registration/examination exemption certificate issued by AFRED;

(3) for each course the outside instructor applicant intends to teach:

(A) the curriculum for and a description of the course;

(B) the course materials and related supporting information or a statement that the instructor will use the AFRED course materials;

(C) a statement specifying whether the outside instructor seeks approval to certify any AFT described in §9.52 of this title (relating to training and continuing education courses);

(4) proof that the outside instructor applicant has experience, during at least three of the four years prior to the date of filing the application, in both:

(A) conducting LP-gas training or continuing education courses and

(B) performing or supervising LP-gas activities; and

(5) any other information required by this section.

(c) Curriculum standards. The curriculum for each course that an outside instructor applicant intends to teach shall include, where applicable, information that is at least the equivalent of AFRED's course or courses on the same topic or topics, and shall include all applicable current LP-gas regulations for Texas. Courses not offered by AFRED may be approved if the courses are equal or greater in overall quality to other approved courses.

(d) AFRED review. AFRED shall review the application for approval as an outside instructor and, within 14 business days of the filing of the application, shall notify the applicant in writing that the application is approved, denied, or incomplete. If an application is incomplete, AFRED's notice of deficiency shall identify the necessary additional information, including any deficiencies in course materials. The outside instructor applicant shall file the necessary additional information within 30 calendar days of the date of AFRED's notice of deficiency. The outside instructor applicant's failure to file the necessary additional information within the prescribed time period may result in the dismissal of the outside instructor's application and the necessity of the outside instructor applicant again paying the non-refundable \$300 registration fee for each subsequent filing of an application.

(e) Additional requirements for approval. Outside instructor applicants whose applications are approved in writing by AFRED shall attend AFRED's Train-the-Trainer Course, the fee for which is included in the \$300 registration fee. The Train-the-Trainer Course shall include classroom instruction and the subject-matter examinations for each course for which the applicant seeks approval to conduct. An outside instructor applicant shall pass the subject-matter examination for each course with a score of at least 85

percent and shall attend the subject-matter courses for which the applicant seeks approval to conduct.

(f) Notification of approval. Within 10 business days of the outside instructor applicant's completion of the requirements of this section, AFRED shall notify the applicant in writing that the applicant is approved as an outside instructor and the outside instructor may then begin offering the approved courses.

(g) Term of approval. AFRED approval of an outside instructor remains valid for three years unless the Commission revokes the approval pursuant to subsection (l) of this section.

(h) Renewal of approval. To continue offering AFRED-approved LP-gas classes, an outside instructor shall renew his or her AFRED approval every three years by paying a nonrefundable \$150 renewal fee to AFRED and attending a Train-the-Trainer refresher class prior to the outside instructor's next renewal deadline.

(i) Revision of course materials. An outside instructor who revises any course materials previously approved by AFRED shall submit the revisions in writing, along with a nonrefundable \$100 review fee to AFRED, and shall not use the materials in a course until the outside instructor has received written AFRED approval. AFRED shall review the revised course materials and, within 14 business days, shall notify the outside instructor in writing that the revised course materials are approved or not approved. If the revised course materials are not approved, AFRED's notice shall identify the portion or portions that are not approved and/or shall describe any deficiencies in the revised course materials. The outside instructor shall file any necessary additional information within 30 calendar days of the date of AFRED's notice of disapproval. The outside instructor's failure to file the necessary additional information within the prescribed time period may result in the dismissal of the outside instructor's request for approval of revised course materials and the necessity of again paying the \$100 review fee for each subsequent filing of revised course materials.

(j) Continuing requirements. Outside instructors shall:

(1) maintain their Category D, E, I, or M certificate or Category D registration/examination exemption certificate in continuous good standing. The Train-the-Trainer class shall not count as credit towards any training or continuing education requirements. Any interruption of the required Category D, E, I, or M certification or Category D registration/examination exemption certificate may result in the Commission revoking the outside instructor's approval;

(2) adhere to professional standards of conduct in class presentations; and

(3) report to AFRED within three business days of the conclusion of a class the names, social security numbers, and any other information required by AFRED, of the persons completing the class. The report shall be made by electronic mail (e-mail) in an electronic format provided by AFRED. The outside instructor shall ensure that AFRED receives the report by securing written acknowledgment of its receipt by AFRED. This acknowledgment may be by return electronic mail (e-mail) or by facsimile transmission (fax).

(k) Disclaimer. Outside instructors are responsible for every aspect of the classes they teach, including the location, schedule, date, time, duration, price, content, material, demeanor and conduct of the outside instructor, and reporting of attendance information. AFRED shall not monitor or supervise the actual class presentations by outside instructors. AFRED is not obligated to gather, maintain, or distribute information about outside instructors' course offerings, other than the names, telephone numbers, and addresses of approved outside instructors and the date on which an outside instructor's approval would expire, absent renewal. AFRED may refuse to issue or renew a certificate for an individual who presents for credit an unapproved class; a class taught by an unapproved outside instructor; or a class taught using unapproved, incomplete, or incorrect materials.

(l) Complaints.

(1) Complaints regarding outside instructors shall be made to AFRED in writing by electronic mail (e-mail), facsimile transmission (fax), or U.S. Postal Service; shall include the printed name, address, telephone number, and, if filed by fax or U.S. Postal Service, the signature of the person complaining; shall state the outside instructor's name, the date, location, and title of the course; and shall set forth the facts that the complainant alleges demonstrate that the outside instructor:

(A) failed to meet or maintain AFRED requirements for outside instructor approval;

(B) failed to deliver a course as approved, including failure to follow the approved curriculum, to use the approved course materials, or to deliver the requisite numbers of hours of instruction; or

(C) engaged in other conduct, including the use of language, that created an atmosphere not conducive to learning. Such conduct includes but is not limited to demeaning, derogating, or stereotyping women or men, disabled persons, members of any political, religious, racial, or ethnic group, or a particular individual, organization, or product.

(2) Upon receipt of a complaint and at its discretion, AFRED may gather any additional information necessary or appropriate to making a full and complete analysis of the complaint. AFRED shall

deliver a written copy of the analysis and any findings by certified mail to the outside instructor who is the subject of the complaint. The outside instructor may file a written response within 20 calendar days from the date the findings are postmarked.

(3) If AFRED determines that an outside instructor has engaged in conduct prohibited by this section, AFRED may prepare a report that states the facts on which the determination is based and the recommendation as to the action AFRED intends to take. AFRED may issue a written warning to the outside instructor; decline to approve or renew the outside instructor's approval; or revoke the outside instructor's approval.

(4) AFRED shall mail a copy of the report and recommendation to the outside instructor by certified mail and shall include a statement that the outside instructor has a right to a hearing on the determination contained in the report.

(5) Within 20 calendar days after the date the notice is postmarked, the outside instructor shall file a written response either accepting the determination and recommended action or requesting a hearing on the determination.

(6) If the outside instructor accepts the determination, he or she shall notify AFRED in writing of the acceptance, and AFRED shall take the action indicated in the report.

(7) If an outside instructor requests a hearing or fails to respond timely to the notice given under paragraph (5) of this subsection, the AFRED director shall refer the matter to the Office of General Counsel for the setting of a hearing. The Office of General Counsel shall assign an examiner to conduct a hearing, which shall be conducted under the Commission's General Rules of Practice and Procedure, Chapter 1 of this title (relating to Practice and Procedure).

(8) Following the hearing, the Commission may enter an order finding that the outside instructor has violated Commission rules or that no violation has occurred; and may make any other finding based on the evidence in the record.

(9) If the outside instructor does not comply with the order of the Commission, and if the enforcement of the Commission's order is not stayed, then the Office of General Counsel may refer the matter to the attorney general for enforcement of the Commission's order.

*The provisions of this §9.54 adopted to be effective May 28, 2001, 26 TexReg 3742; amended to be effective August 25, 2003, 28 TexReg 6831; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 138; amended to be effective December 24, 2012, 37 TexReg 9913.*

**SUBCHAPTER B. LP-GAS INSTALLATIONS, CONTAINERS, APPURTENANCES, AND EQUIPMENT REQUIREMENTS**

**§9.101. Filings Required for Stationary LP-Gas Installations.**

(a) No LP-gas container shall be placed into LP-gas service or an installation operated or used in LP-gas service until the requirements of this section, as applicable, are met and the facility is in compliance with all applicable LP-Gas Safety Rules and statutes, in addition to any applicable requirements of the municipality or the county where an installation is or will be located. LP-gas systems under the jurisdiction of DOT Safety regulations in 49 CFR Parts 192 and 199, and Part 40 shall comply with Chapter 8 of this title (relating to Pipeline Safety Regulations) prior to implementation of service.

(b) Commercial installations with an aggregate water capacity of less than 10,000 gallons.

(1) Within 30 calendar days following the completion of a container installation, the licensee shall submit LPG Form 501 to LP-Gas Operations stating:

(A) the installation is in total compliance with the statutes and *LP-Gas Safety Rules*;

(B) all necessary LP-gas licenses and certificates have been issued; and

(C) the date the installation has been placed into LP-gas service.

(2) Pay a nonrefundable fee of \$10 for each LP-gas container, including cylinders, each retail LP-gas cylinder exchange storage rack, and each forklift cylinder exchange rack or a forklift cylinder exchange installation where a storage rack is not installed that is listed on the form. A nonrefundable \$35 fee shall be required for any resubmission.

(3) LP-Gas Operations shall review the submitted information within 21 business days of receipt of all required information and shall notify the applicant in writing of any deficiencies. LP-gas operations may commence prior to the submission of LPG Form 501 if the facility is in compliance with the LP-Gas Safety Rules.

(c) Aggregate water capacity of 10,000 gallons or more.

(1) For installations with an aggregate water capacity of 10,000 gallons or more, the licensee shall submit the following information to LP-Gas Operations at least 30 days prior to construction if the applicant is required to give notice as described in §9.102 of this title (relating to Notice of Stationary LP-Gas Installations):

(A) LPG Form 500;

(B) LPG Form 500A with all applicable documents;

(C) a plat drawing from the appropriate appraisal district identifying:

(i) the facility's property boundaries;

(ii) the names of all real property owners within 500 feet; and

(iii) a 500-foot radius measured from the proposed container location on the site.

(D) a site plan of sufficient scale that identifies:

(i) the location, types, and sizes of all containers already on site or proposed to be on site;

(ii) the distances from the containers and the transfer system to the property lines, buildings, and railroad, pipeline, or roadway rights-of-way;

(iii) any known potential hazards;

(iv) location of bulkhead and distance from nearest container;

(v) location of remote emergency shut-off valves;

(vi) route of vehicular traffic around containers;

(vii) location of any electrically operated material handling equipment such as pumps or compressors; and

(viii) distance and location to nearest highway.

(E) If the facility is accessed from a public highway under the jurisdiction of the Texas Department of Transportation, a statement or permit from the Texas Department of Transportation showing that the driveway is of proper design and construction to allow safe entry and egress of the LP-gas transports.

(F) pay a nonrefundable fee of \$50 for the initial application. A nonrefundable \$30 fee shall be required for any resubmission.

(2) In addition to NFPA 58, §6.5.4 prior to the installation of any individual LP-gas container, LP-Gas Operations shall determine whether the proposed installation constitutes a danger to the public health, safety, and welfare.

(A) LP-Gas Operations may impose restrictions or conditions on the proposed LP-gas installation based on one or more of the following factors:

(i) nature and density of the population or occupancy of structures within 500 feet of the proposed or existing container locations;

(ii) nature of use of property located within 500 feet of the LP-gas installation;

(iii) nature and volume of vehicular traffic within 500 feet of the proposed container;

(iv) type and number of roadways within 500 feet of the proposed container;

(v) type of operations on the installation's premises;

(vi) potential sources of ignition that might affect an LP-gas leak;

(vii) existence of dangerous or combustible materials in the area that might be affected by an emergency situation;

(viii) any other factors material to the public health, safety, and welfare.

(B) The Commission does not consider public health, safety, and welfare to include such factors as the value of property adjacent to the installation, the esthetics of the proposed installation, or similar considerations.

(3) If an LP-gas stationary installation, equipment, or appurtenances not specifically covered by the LP-Gas Safety Rules has been or will be installed, LP-Gas Operations shall apply and require any reasonable safety provisions to ensure the LP-gas installation is safe for LP-gas service. If the affected entity disagrees with LP-Gas Operations' determination, the entity may request a hearing. The installation shall not be placed into LP-gas operation until LP-Gas Operations has determined that the installation is safe for LP-gas service.

(4) LP-Gas Operations shall notify the applicant in writing outlining its findings. If the application is administratively denied, the applicant may modify the submission and resubmit it or request a hearing on the matter in accordance with Chapter 1 of this title (relating to Practice and Procedure).

(5) The licensee shall not commence construction until notice is received from LP-Gas Operations. Upon completion of a field inspection as specified in §9.109 of this title (relating to Physical Inspection of Stationary LP-Gas Installations), the operator, pending the inspection findings, may commence LP-gas operations of the facility.

(6) If the subject installation is not completed within one year from the date of LP-Gas Operations' completed review, the requirements of this subsection shall be resubmitted for LP-Gas Operations' review.

(d) An applicant or operator shall not be required to submit LPG Form 500, LPG Form 500A, or a site plan prior to the installation of bulkheads, swivel-type piping, breakaway devices, pneumatically-operated internal valves, or emergency shutoff valves, or when maintenance and improvements are being made to the piping system at an existing LP-gas installation with a capacity of 10,000 gallons or more.

(e) If a licensee is replacing a container with the same or less overall length and diameter, installed in the identical location of the existing container, the licensee shall file LPG Form 500.

(f) In addition, LP-Gas Operations may request LPG Form 8, a Manufacturer's Data Report, or any other documentation or information pertinent to the installation in order to determine compliance with the LP-Gas Safety Rules.

*The provisions of this §9.101 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.102. Notice of Stationary LP-Gas Installations.*

(a) For a proposed installation with an aggregate water capacity of 10,000 gallons or more, an applicant shall send a copy of the filings required under §9.101(c) of this title (relating to Filings Required for Stationary LP-Gas Installations) by certified mail, return receipt requested or otherwise delivered, to all owners of real property situated within 500 feet of any proposed container location at the same time the originals are filed with LP-Gas Operations. LP-Gas Operations shall consider the notice to be sufficient when the applicant has provided evidence that copies of a complete application have been mailed or otherwise delivered to all real property owners. The applicant may obtain names and addresses of owners from current county tax rolls.

(b) An applicant shall notify owners of real property situated within 500 feet of any proposed container location if:

(1) the current aggregate water capacity of the installation is more than doubled in a 12-month period;

(2) the resulting aggregate water capacity of the installation will be more than 120,000 gallons; or

(3) LP-Gas Operations considers notice to be in the public interest.

(c) An applicant shall not be required to give notice for installations at "hot-mix" plants where LP-gas containers of 10,000 gallons aggregate water capacity or more are used as fuel storage supply for asphalt heating provided that:

(1) the applicant submits proof that such "hot-mix" operations will not exceed two years at the specified location; and

(2) the applicant has obtained approval from the fire marshal if the operations are within a city's limits or extraterritorial jurisdiction.

*The provisions of this §9.102 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.103. Objections to Proposed Stationary LP-Gas Installations.*

(a) Each owner of real property situated within 500 feet of the proposed location of any LP-gas containers of 10,000 gallon aggregate water capacity or more receiving notice of a proposed installation shall have 18

calendar days from the date the notice is postmarked to file a written objection using the LPG Form 500A sent to them by the applicant as described in §9.102 of this title (relating to Notice of Stationary LP-Gas Installations) with LP-Gas Operations. An objection is considered timely filed when it is actually received by the Commission.

(b) LP-Gas Operations shall review all objections within 10 business days of receipt. An objection shall be in writing and shall include a statement of facts showing that the proposed installation:

(1) does not comply with the *LP-Gas Safety Rules*, specifying which rules are violated;

(2) does not comply with the statutes of the State of Texas, specifying which statutes are violated; or

(3) constitutes a danger to the public health, safety, and welfare, specifying the exact nature of the danger. For purposes of this section, "danger" means an imminent threat or an unreasonable risk of bodily harm, but does not mean diminished property or esthetic values in the area.

(c) Upon review of the objection, LP-Gas Operations shall either:

(1) schedule a public hearing as specified in §9.107 of this title (relating to Hearings on Stationary LP-Gas Installations); or

(2) notify the objecting party in writing within 10 business days of receipt requesting further information for clarification and stating why the objection is being returned. The objecting entity shall have 10 calendar days from the postmark of LP-Gas Operations' letter to file its corrected objection. Clarification of incomplete or nonsubstantive objections shall be limited to two opportunities. If new objections are raised in the objecting party's clarification, the new objections shall be limited to one notice of correction.

*The provisions of this §9.103 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### §9.107. Hearings on Stationary LP-Gas Installations.

(a) Reason for hearing. LP-Gas Operations shall call a public hearing if:

(1) the notice given to each real property owner situated within 500 feet of the proposed installation does not meet the requirements set forth in §9.102(a) of this title (relating to Notice of Stationary LP-Gas Installations);

(2) LP-Gas Operations receives an objection that complies with §9.103 of this title (relating to Objections to Proposed Stationary LP-Gas Installations); or

(3) LP-Gas Operations determines that a hearing is necessary to investigate the impact of the installation.

(b) Notice of public hearing. LP-Gas Operations shall give notice of the public hearing at least 21 calendar days prior to the date of the hearing to the applicant and to all real property owners who were required to receive notice of the proposed installation under §9.102 of this title (relating to Notice of Stationary LP-Gas Installations).

(c) Procedure at hearing. The public hearing shall be conducted in accordance with the Texas Government Code, Chapter 2001 et seq., the general rules of practice and procedure of the Railroad Commission of Texas, and the *LP-Gas Safety Rules*.

*The provisions of this §9.107 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.108. *Interim Approval Order for Stationary LP-Gas Installations.* If the Commission finds after a public hearing that the proposed installation complies with the *LP-Gas Safety Rules* and the statutes of the State of Texas, and does not constitute a danger to the public health, safety, and welfare, the Commission shall issue an interim approval order. The construction of the installation and the setting of the container shall not proceed until the applicant has received written notification of the interim approval order. Any interim approval order shall include a provision that such approval may be suspended or revoked if:

(1) the applicant has introduced LP-gas into the system prior to final approval; or

(2) a physical inspection of the installation indicates that it is not installed in compliance with the submitted plat drawing for the installation, the *LP-Gas Safety Rules* or the statutes of the State of Texas; or

(3) the installation constitutes a danger to the public health, safety, and welfare.

*The provisions of this §9.108 adopted to be effective February 1, 2001, 26 TexReg 947.*

#### §9.109. Physical Inspection of Stationary LP-Gas Installations.

(a) Aggregate water capacity of 10,000 gallons or more. The applicant shall notify LP-Gas Operations in writing when the installation is ready for inspection. If LP-Gas Operations does not physically inspect the facility within 30 calendar days of receipt of notice that the facility is ready for inspection, the facility may operate conditionally until the initial complete inspection is made. If any safety rule violations exist at the time of LP-Gas Operations' initial inspection, the

installation may be required to cease LP-gas operations until the violations are corrected.

(b) Aggregate water capacity of less than 10,000 gallons. After receipt of LPG Form 501, LP-Gas Operations shall conduct an inspection as soon as possible to verify that the installation described is in compliance with the LP-Gas Safety Rules. The facility may be operated prior to inspection if it is in compliance with the LP-Gas Safety Rules. If any LP-gas statute or safety rule violation exists at the time of the first inspection at a commercial installation, the subject container, including any piping, appliances, appurtenances, or equipment connected to it may be immediately removed from LP-gas service until the violations are corrected.

(c) Material variances. If LP-Gas Operations determines the completed installation varies materially from the application originally accepted, correction of the variance and notification to LP-Gas Operations or resubmission of the application is required. The review of such resubmitted application shall comply with §9.101 of this title (relating to Filings Required for Stationary LP-Gas Installations).

(d) In the event an applicant has requested an inspection and LP-Gas Operations inspection identifies violations requiring modifications by the applicant, LP-Gas Operations shall consider the assessment of an inspection fee to cover the costs associated with any additional inspection, including mileage and per diem rates set by the legislature.

*The provisions of this §9.109 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.110. Emergency Use of Proposed Stationary LP-Gas Installations.** When there is an immediate need for LP-gas supply under emergency circumstances, LP-Gas Operations may waive the requirement for the initial complete inspection for a limited time period in order to meet the emergency need. LP-gas shall not be introduced into the container and it shall not be placed into LP-gas service until LP-Gas Operations grants permission to do so.

*The provisions of this §9.110 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.113. Maintenance.** All LP-gas storage containers, valves, dispensers, accessories, piping, transfer equipment, gas utilization equipment, and appliances shall be maintained in safe working order and in accordance with the manufacturer's instructions and the

LP-Gas Safety Rules. If any one of the LP-gas storage containers, valves, dispensers, accessories, piping, transfer equipment, gas utilization equipment, and appliances is not in safe working order, LP-Gas Operations may require that the installation be immediately removed from LP-gas service and not be operated until the necessary repairs have been made.

*The provisions of this §9.113 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.114. Odorizing and Reports.**

(a) Odorization shall comply with NFPA 58, §4.2.

(b) If LP-Gas Operations determines that there shall be insufficient odorization, LP-Gas Operations may require testing as deemed necessary to determine its sufficiency. If testing is deemed necessary, LP-Gas Operations shall notify the necessary parties in writing as soon as possible. The written notification will advise which entity is responsible for having the tests performed and paying for the tests to be conducted. The testing shall be performed by a recognized testing laboratory equipped for and experienced in testing of odorization and, if requested, a copy of the test results shall be provided to LP-Gas Operations.

(c) The person or facility odorizing the gas or the operator of an automatic loading rack shall be responsible for the odorization.

*The provisions of this §9.114 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.115. Examination and Testing of Containers.**

(a) In order to determine the safety of a container, LP-Gas Operations may require that the licensee or operator of the container send a copy of the manufacturer's data report on that container to LP-Gas Operations. LP-Gas Operations may also require that the container and equipment be examined by a Category A, B, or O licensee, with a comprehensive report on the findings submitted to LP-Gas Operations for its consideration. This subsection may be applied even though an acceptable LPG Form 23 has been received.

(b) Any stationary ASME LP-gas container previously in LP-gas service which has not been subject to continuous LP-gas vapor pressure shall be retested by an authorized Category A, B, or O licensed entity utilizing recognized ASME test methods to determine if the container is safe for LP-gas use in Texas, and the



test results shall be submitted to LP-Gas Operations on LPG Form 8.

(c) Any stationary ASME LP-gas container which has been subject to continuous LP-gas vapor pressure is not required to be tested prior to installation, provided the licensee or operator of the container files a properly completed LPG Form 23 with LP-Gas Operations at the time LPG Form 500 is submitted for any facility requiring submission of a site plan in accordance with §9.101 of this title (relating to Filings Required for Stationary LP-Gas Installations).

(d) Any stationary ASME LP-gas container brought into Texas from out-of-state and intended for stationary LP-gas installation in Texas at any facility requiring submission of a site plan shall be tested in accordance with subsection (b) of this section prior to review approval being granted by LP-Gas Operations, unless that container is owned by a valid licensee. In this case, LP-Gas Operations may determine that such tests are not necessary upon the receipt of an acceptable LPG Form 23 from the licensee.

*The provisions of this §9.115 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### *§9.116. Container Corrosion Protection System.*

(a) In addition to NFPA 58 §§6.6.1(H), 6.6.6.2(1), and 6.6.6.3(4), steel containers installed underground, partially underground, or as mounded installations on or after March 1, 2014, shall include a corrosion protection system.

(b) A corrosion protection system shall include the following:

(1) a container coated with a material recommended for the service that is applied in accordance with the manufacturer's instructions;

(2) a cathodic protection system that consists of one or more sacrificial anodes or an impressed current anode; and

(3) a means to test the performance of the cathodic protection system.

(c) Cathodic protection systems installed in accordance with this section shall be monitored by every licensee servicing the container. Such licensees shall document the test results. A successful test shall be confirmed by one of the following results:

(1) producing a voltage of -0.85 volts or more negative, with reference to a saturated copper-copper sulfate half cell;

(2) producing a voltage of -0.78 volts or more negative, with reference to a saturated potassium chloride calomel half cell;

(3) producing a voltage of -0.80 volts or more negative, with reference to a silver-silver chloride half cell; or

(4) results obtained through any other method described in Appendix D of Title 49 of the Code of Federal Regulations, Part 192.

(d) Sacrificial anodes installed in accordance with subsection (b) of this section shall be tested in accordance with the following schedule:

(1) upon installation of the cathodic protection system, unless prohibited by climatic conditions, in which case testing shall be completed within 180 days after the installation of the system;

(2) for continued verification of the effectiveness of the system, 12 to 18 months after the initial test;

(3) upon successful verification of test results for the tests required in paragraphs (1) and (2) of this subsection, periodic follow-up testing shall be performed at intervals not to exceed 36 months;

(4) Systems which fail a test prescribed in paragraphs (1) and (2) of this subsection shall be repaired as soon as practical unless climatic conditions prevent such repair, in which case the repair shall be made not more than 180 days thereafter. Systems which fail a test and for which repairs have been made shall comply with the initial and follow-up testing requirements in paragraphs (1) and (2) of this subsection, and the results shall comply with subsection (c) of this section.

(e) Where an impressed current cathodic protection system is installed in accordance with subsection (b) of this section, the licensee shall inspect and test the system in accordance with the following schedule:

(1) all sources of impressed current at intervals not exceeding two months; and

(2) all impressed current cathodic protection installations annually.

(f) The licensee shall retain documentation of test results in accordance with §9.4 of this title (relating to Records and Enforcement).

(g) The licensee shall visually examine a container prior to its burial for damage to the coating. Damaged areas shall be repaired with a coating recommended for underground service and compatible with the existing coating.

(h) Partially underground, unmounded containers shall be installed so the aboveground portion of the container complies with NFPA 58 §6.6.1.4.

(i) Steel containers installed underground, partially underground, or as mounded installations on or after March 1, 2014, shall not be filled unless a cathodic protection system is installed in accordance with this section.

(j) Metallic piping and tubing that convey LP-gas from an underground, partially buried, or mounded

storage container shall be installed with dielectric fittings to electrically isolate the container from the aboveground portion of the fixed piping system that enters a building.

*The provisions of this §9.116 adopted to be effective March 1, 2014, 39 TexReg 1119.*

*§9.126. Appurtenances and Equipment.*

(a) All appurtenances and equipment placed into LP-gas service shall be listed by a nationally recognized testing laboratory such as Underwriters Laboratory (UL), Factory Mutual (FM), or American Gas Association (AGA) unless:

(1) it is specifically prohibited for use by another section of the *LP-Gas Safety Rules*;

(2) there is no test specification or procedure developed by the testing laboratory for the appurtenance or equipment; or

(3) it is used and in compliance with any NFPA standard adopted by the Commission.

(b) Appurtenances and equipment that cannot be listed but are not prohibited for use by the *LP-Gas Safety Rules* or the manufacturer's instructions shall be acceptable for LP-gas service, provided the appurtenances and equipment are installed in compliance with the applicable *LP-Gas Safety Rules*.

(c) The licensee or operator of the appurtenances or the equipment shall maintain documentation sufficient to substantiate any claims regarding the safety of any valves, fittings, and equipment and shall, upon request, furnish copies to LP-Gas Operations.

*The provisions of this §9.126 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.129. Manufacturer's Nameplate and Markings on ASME Containers.*

(a) LP-gas shall not be introduced into an ASME container unless the container is equipped with an original nameplate or at least one of the nameplates defined in this subsection permanently attached to the container.

(1) Commission identification nameplate--A nameplate issued under the procedures specified in §9.130 of this title (relating to Commission Identification Nameplates) and attached by an authorized representative of the Commission for the purpose of identifying an ASME stationary container when the original nameplate is lost or illegible.

(2) Duplicate nameplate--An additional ASME container nameplate issued by the original manufacturer with duplicate information as the original nameplate and clearly marked as a duplicate nameplate, but installed in a remote location.

(3) Modification (or alteration) nameplate--A nameplate issued and affixed by an ASME Code facility including only partial information applicable to a modification or alteration performed on that container.

(4) Replacement nameplate--A nameplate including the identical information as the original nameplate and identified as a replacement nameplate, but issued and affixed by the original manufacturer or its successor company or companies when the original nameplate is lost or illegible.

(b) Nameplate thickness for stainless steel nameplates issued on or after September 1, 1984, shall be sufficient to resist distortion due to the application of markings and fusion welding.

(c) Nameplates shall be attached in a location that will remain visible after installation of the containers.

(d) Nameplates on containers built prior to September 1, 1984, shall include at least the following legible information:

- (1) the name of container manufacturer;
- (2) the manufacturer's serial number;
- (3) the container's working pressure; and
- (4) the container's water capacity.

(e) Nameplates on containers built on or after September 1, 1984, shall be stainless steel and permanently attached to the container by continuous fusion welding around the perimeter of the nameplate, and shall be stamped or etched with the following information in characters at least 5/32 inch high:

- (1) service for which the container is designed (underground, aboveground, or both);
- (2) name and address of container supplier or trade name of container;
- (3) water capacity of container in pounds or U.S. gallons;
- (4) design pressure in pounds per square inch;
- (5) the wording "This container shall not contain a product that has a vapor pressure in excess of \_\_\_\_\_ psi at 100 degrees F";
- (6) outside surface area in square feet;
- (7) year of manufacture;
- (8) shell thickness and head thickness;
- (9) overall length of the container, the outside diameter of the container, and dish radius of the heads;
- (10) manufacturer's serial number;
- (11) ASME Code symbol;
- (12) minimum design metal temperature \_\_\_\_\_ F degrees at MAWP \_\_\_\_\_ psi;
- (13) type of construction "W"; and
- (14) degree of radiography "RT-\_\_\_\_\_".

(f) Any replacement nameplate issued by an original container manufacturer for containers constructed prior to September 1, 1984, shall be stainless steel and shall be affixed in accordance with ASME Code. The owner or operator of the container

shall ensure that a copy of LPG Form 8 is filed with LP-Gas Operations when a replacement nameplate is affixed.

(g) Nameplates on LP-gas motor or mobile fuel tanks shall be permanently attached in a manner which will minimize corrosion of the nameplate or its fastening means and not contribute to corrosion of the container. If the nameplate is not continuously welded to the container, then it shall be raised at least 1/4 inch but no more than 1/2 inch from the container's surface.

(h) In addition to a container nameplate, underground containers shall have a system nameplate permanently attached to the system in a location that will be readily accessible for inspection when the containers are buried. Where the container is buried, mounded, insulated, or otherwise covered so the nameplate is obscured, a duplicate nameplate shall be installed in a clearly visible and accessible location.

(i) LP-Gas Operations may remove a container from LP-gas service or require ASME acceptance of a container at any time if LP-Gas Operations determines that the nameplate, in any form defined in subsection (a)(1) - (4) of this section, is loose, unreadable, or detached, or if it appears to be tampered with or damaged in any way and does not contain at a minimum the items defined in subsection (d) of this section.

*The provisions of this §9.129 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### §9.130. Commission Identification Nameplates.

(a) Prior to an original ASME nameplate or any manufacturer-issued nameplate becoming unreadable or detached from a stationary container with a water capacity of 4,001 gallons or more, the owner or operator of the container may request an identification nameplate from LP-Gas Operations. Commission identification nameplates shall be issued only for containers which can be documented as being in continuous LP-gas service in Texas from a date prior to September 1, 1984. The container's serial number and manufacturer on the original or manufacturer-issued nameplate shall be clearly readable at the time the Commission identification nameplate is attached.

(1) The owner or operator of the container shall submit LPG Form 502 including clear photographs of the container showing:

- (A) nozzle openings;
- (B) front, rear, and side views;
- (C) location of the nameplate;
- (D) detailed view of the nameplate; and

(E) if a photograph cannot clearly depict the lettering on the nameplate, a pencil rubbing of the nameplate shall be submitted.

(2) LP-Gas Operations shall review LPG Form 502 and the supporting documentation. LP-Gas Operations shall have the manufacturer's data report on file for the container or the licensee shall provide a copy to LP-Gas Operations. The Commission identification nameplate shall not be issued unless the manufacturer's data report is reviewed. Upon review of submitted documents and confirmation of the manufacturer's data report, LP-Gas Operations shall mail a letter to the owner or operator of the container stating the estimated costs, which will be based on the following:

(A) actual cost of the nameplate itself, including adhesive and other materials necessary to attach the nameplate; and

(B) projected travel costs for the Commission employee performing the inspection and/or attachment of the nameplate, at a cost of \$60 plus the mileage and rate from Austin as set by the official state travel mileage chart.

(3) The owner or operator of the container shall pay the total estimated costs to LP-Gas Operations before LP-Gas Operations will proceed. Within 15 business days of receipt of all required documents and fees, LP-Gas Operations shall:

(A) verify that it has continuous documentation for the container, showing the container in LP-gas service in Texas prior to September 1, 1984;

(B) inspect the container to ensure that the container is not dented, pitted, or otherwise damaged, and complies with other applicable LP-Gas Safety Rules, unless additional time is necessary as determined by the LP-Gas Operations director; and

(C) advise the owner or operator that the container shall be tested if it appears to be pitted or otherwise damaged.

(i) If the owner or operator refuses to test the container, it shall be removed from service within 10 calendar days of the date of inspection.

(ii) If the container passes the test, LP-Gas Operations shall proceed with the attachment of the nameplate.

(D) Within the 15-day period, LP-Gas Operations shall notify the applicant in writing, in clear and specific language, of the outcome of LP-Gas Operations' review.

(4) Following LP-Gas Operations' review of any required tests and payment of all other amounts due in addition to the previously-paid estimated costs, and when all requirements have been met, LP-Gas Operations shall issue an identification nameplate for the container.

(5) The Commission identification nameplate shall be stainless steel, stamped or etched with the Commission's mark or symbol, and attached by a Commission employee using an adhesive material. Nameplates shall include the wording and information as follows:

- (A) Railroad Commission of Texas LP-Gas Container Identification Nameplate;
- (B) RRC ID No. \*00000\*;
- (C) For Identification Only.

(6) Commission identification nameplates shall be affixed only by a Commission employee and shall be affixed at the Commission's convenience.

(b) Commission identification nameplates shall serve only to identify the container as being an ASME container and shall in no way indicate the condition of the container or whether it is safe for LP-gas service.

(c) Commission identification nameplates shall not be valid until LP-Gas Operations has received the final paperwork from the Commission employee who attached the nameplate. LP-Gas Operations shall mail a letter to the owner or operator of the container stating the date on which the nameplate is valid.

(d) If at any time during the Commission identification nameplate request or approval process, the original ASME nameplate becomes completely unreadable or detached, the owner or operator of the container shall immediately remove the container from service and no Commission identification nameplate shall be issued or attached. In addition, LP-Gas Operations may remove such a container from service as specified in §9.129(i) of this title (relating to Manufacturer's Nameplate and Markings on ASME Containers).

(e) If the Commission employee finds upon inspection of a container prior to the attachment of the Commission identification nameplate that the container does not pass inspection, for whatever reason, the inspector shall not attach the nameplate, but shall return the nameplate and all paperwork to the Commission's Austin office.

(f) Fees charged for the Commission identification nameplate are nonrefundable except as described in this subsection. The cost of the nameplate is refundable only if the Commission employee finds upon actual inspection of the container that the original nameplate has become totally detached or unreadable, or that the container is pitted, dented, or otherwise damaged, therefore prohibiting attachment of the nameplate. The fees charged relating to LP-Gas Operations' travel and research costs will be refunded only if LP-Gas Operations' research shows that the nameplate cannot be issued. Otherwise, these fees will be nonrefundable if these activities have taken place before the Commission employee inspects a container and finds that a nameplate cannot be issued.

*The provisions of this §9.130 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.131. 200 PSIG Working Pressure Stationary Vessels. In addition to NFPA 58, §5.2.4.2 and 5.7.2.4 200 psig working pressure stationary vessels in LP-gas service in Texas prior to September 1, 1981, may be continued in service for commercial propane provided that they are fitted with pressure relief valves set for 250 psig normal start to discharge and comply with other provisions of this chapter. For the purpose of this section, "commercial propane" is defined as having a vapor pressure not in excess of 210 psig at 100 degrees Fahrenheit. This section does not apply to LP-gas motor fuel and mobile fuel containers.

*The provisions of this §9.131 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.132. Sales to Unlicensed Individuals. A licensee shall not sell LP-gas or an LP-gas container to an unlicensed individual for resale. A licensee shall not sell an LP-gas container to an unlicensed individual for installation without determining that such container will be installed by a licensee authorized to perform such installation.

*The provisions of this §9.132 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810.*

§9.134. Connecting Container to Piping. LP-gas piping shall be installed only by a licensee authorized to perform such installation, a registrant authorized by §9.13 of this title (relating to General Installers and Repairman Exemption), or an individual exempted from licensing as authorized by Texas Natural Resources Code, §113.081. A licensee shall not connect an LP-gas container or cylinder to a piping installation made by a person who is not licensed to make such installation, except that connection may be made to piping installed by an individual on that individual's single family residential home. A licensee may connect to piping installed by an unlicensed person provided the licensee has performed a pressure test, verified that the piping has been installed according to the LP-Gas Safety Rules, and filed a properly-completed LPG Form 22 with LP-Gas Operations, identifying the unlicensed person who installed the LP-gas piping.

*The provisions of this §9.134 adopted to be effective February 1, 2001, 26 TexReg 947; amended to*

be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.

§9.135. *Unsafe or Unapproved Containers, Cylinders, or Piping.* In addition to NFPA 58, §§5.2.1.1, 7.2.2.11, and 5.2.2 a licensee or the licensee's employees shall not introduce LP-gas into any container or cylinder if the licensee or employee has knowledge or reason to believe that such container, cylinder, piping, or the system or the appliance to which it is attached is unsafe or is not installed in accordance with the statutes or the LP-Gas Safety Rules.

*The provisions of this §9.135 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.136. *Filling of DOT Containers.*

(a) In addition to NFPA 58 §7.4.2.1, DOT containers of less than 101 pounds LP-gas capacity, other than containers designed to be used on forklift or industrial trucks, shall be filled by weight only. The weight of such containers shall be determined by scales that meet the specifications of the National Institute of Standards and Technology's Handbook 44. Scales at licensees' facilities shall be currently registered with the Texas Department of Agriculture. The scales shall have a rated weighing capacity which exceeds the total weight of the cylinders being filled. The scales shall be accurate during the filling of the cylinder. The formula for filling LP-gas containers by weight under this section is as follows:

(1) The propane capacity in pounds is determined by multiplying the total water capacity in pounds by .42.

(2) Add the tare weight of a cylinder to the liquid weight of the product plus the weight of the hose and nozzle. The total weight of these three is the proper scale setting.

(b) Containers designed to be used on forklifts or industrial trucks shall be filled as specified in NFPA 58, §11.12.

*The provisions of this §9.136 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.137. *Inspection of Cylinders at Each Filling.* In addition to NFPA 58, §§5.2.1.1, 7.2.2.11, and 5.2.2 before filling a container or cylinder, the individual filling the container or cylinder shall conduct a visual

inspection of the exposed, readily accessible areas of the container or cylinder for any obvious defects. Where the container or cylinder is dented, bulged, gouged, or corroded such that the integrity of the container or cylinder is substantially reduced, such container or cylinder shall not be filled.

*The provisions of this §9.137 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.140. *Uniform Protection Standards.*

(a) In addition to NFPA 58 §6.24.3.14, LP-gas transfer systems and storage containers shall be protected from tampering and/or vehicular traffic as specified in this section. New LP-gas containers which have never been installed or had LP-gas introduced into them, or other installations listed in paragraphs (1) - (4) of this subsection, are not required to comply with the fencing and guard railing requirements in subsections (b) and (d) of this section. The fencing and guard railing requirements also do not apply to the following:

(1) LP-gas systems and containers located at private residences;

(2) LP-gas systems and containers which service vapor systems where the aggregate storage capacity of the installation is less than 4,001 gallons, unless the LP-gas system, transfer system, or container is subject to tampering or vehicular traffic;

(3) LP-gas piping which contains no valves and which complies with all other applicable LP-Gas Safety Rules; and

(4) LP-gas storage containers located on a rural consumer's property from which motor or mobile fuel containers are filled.

(b) In addition to NFPA 58, §§6.18.4.2, 6.19.3.2, 6.24.3.7, 7.2.3.8, 8.2.1.1, and 8.4.2.1. fencing at LP-gas installations shall comply with the following:

(1) Fencing material shall be chain link with wire at least 12 1/2 American wire gauge in size, or industrial-type fencing, or material providing equivalent protection as determined by LP-Gas Operations.

(2) Fencing shall be at least six feet in height at all points.

(3) Uprights, braces, and cornerposts of the fence shall be composed of noncombustible material.

(4) Gates in fences where bulkheads are installed shall be located directly in front of the bulkhead. Gates shall be locked whenever the area enclosed is unattended. Gate posts on gates installed directly in front of the bulkhead shall be located at 45-degree angles to the nearest corner of the bulkhead. There shall be at least two means of emergency access from the fenced enclosure. If guard service is provided, it shall be extended to the LP-gas installation. Guard

service shall be properly trained as set forth in §9.51(b)(4) of this title (relating to General Requirements for Training and Continuing Education). However, if a fenced area is not larger than 100 square feet in area, the point of transfer is within three feet of a gate, and any containers being filled are not located within the enclosure, a second gate shall not be required.

(5) Clearance of at least three feet shall be maintained between the fencing and the container and the entire transfer system.

(6) Fencing which is located more than 25 feet from any point of an LP-gas transfer system or container shall be designated as perimeter fencing. If an LP-gas transfer system or container is located inside perimeter fencing and is subject to vehicular traffic, it shall be protected against damage according to the specifications set forth in subsection (d) of this section.

(7) The operating end of a container, including the entire transfer system, shall be completely enclosed by fencing.

(c) Containers which are exempt from the fencing requirements include:

(1) ASME containers or manual dispensers originally manufactured to or modified to be considered by LP-Gas Operations as self-contained units. Self-contained units shall be protected as specified in subsection (d) of this section;

(2) DOT portable or forklift containers in storage racks or at single family dwellings used as private residences; and

(3) DOT portable or forklift containers that have been used in LP-gas service but are not awaiting use or resale.

(d) In addition to NFPA 58, §§6.6.1.2, 6.6.6.1(a) - (d), 6.6.6.2(6), 6.18.4.2, 6.24.3.12, and 8.4.2, guardrails at LP-gas installations, except as noted in subsection (a) of this section, shall comply with the following:

(1) In addition to NFPA 58 §6.18.4.2(c), where fencing is not used to protect the installation as specified in subsection (b) of this section, locks for the valves or other suitable means shall be provided to prevent unauthorized withdrawal of LP-gas, and guardrailings specified in paragraphs (2) - (6) of this subsection, or protection considered by LP-Gas Operations to be equivalent, shall be required.

(2) Vertical supports for guardrails shall be at least three-inch schedule 40 steel pipe or other material with equal or greater strength. The vertical supports shall be capped on the top or otherwise protected to prevent the entrance of water or debris into the guardpost; anchored in concrete at least 18 inches below the ground; and rise at least 30 inches above the ground. Supports shall be spaced four feet apart or less.

(3) The top of the horizontal guardrailings shall be secured to the vertical supports at least 30 inches

above the ground. The horizontal guardrailings shall be at least three-inch schedule 40 steel pipe or other material with equal or greater strength. The horizontal guardrailings shall be capped on the ends or otherwise protected to prevent the entrance of water or debris into the guardpost; and welded or bolted to the vertical supports with bolts of sufficient size and strength to prevent damage to the protected equipment under normal conditions, including the nature of the traffic to which the protected equipment is subjected.

(4) Openings in horizontal guardrailings, except the opening that is permitted directly in front of a bulkhead, shall not exceed three feet. Only one opening is allowed on each side of the guardrailings. A means of temporarily removing the horizontal guardrailings and vertical supports to facilitate the handling of heavy equipment may be incorporated into the horizontal guardrailings and vertical supports. In no case shall the protection provided by the horizontal guardrailings and vertical supports be decreased. Transfer hoses from the bulkhead shall be routed only through the 45-degree opening in front of the bulkhead or over the horizontal guardrailings.

(5) Clearance of at least three feet shall be maintained between the railing and any part of an LP-gas transfer system or container or clearance of two feet for retail cylinder filling or service station installations. The two posts at the ends of any railing which protects a bulkhead shall be located a minimum of 24 and a maximum of 36 inches at 45-degree angles to the nearest corner of the bulkhead.

(6) The operating end of the container and any part of the LP-gas transfer system or container which is exposed to collision damage or vehicular traffic shall be protected from this type of damage. The protection shall extend at least three feet beyond any part of the LP-gas transfer system or container which is exposed to collision damage or vehicular traffic.

(e) A combination of fencing and guardrails specified in subsections (b) and (d) of this section shall not result in less protection than using either fencing or guardrails alone.

(f) If exceptional circumstances exist or will exist at an installation which would require additional protection such as larger-diameter guardrailings, then the licensee or operator shall install such additional protection. In addition, LP-Gas Operations at its own discretion may require an installation to be protected with added safeguards to adequately protect the health, safety, and welfare of the general public. LP-Gas Operations shall notify the person in writing of the additional protection needed and shall establish a reasonable time period during which the additional protection shall be installed. The licensee shall ensure that any necessary extra protection is installed. If a person owning or operating such an installation

disagrees with LP-Gas Operations' determination made under this subsection, that person may request a public hearing on the matter. The installation shall either be protected in the manner prescribed by LP-Gas Operations or removed from service with all product withdrawn from it until LP-Gas Operations' final decision.

(g) In addition to NFPA 58 §5.2.8.1, LP-gas installations shall comply with the sign and lettering requirements specified in Table 1 of this section. An asterisk indicates that the requirement applies to the equipment or location listed in that column.

## §9.140. Uniform Protection Standards

*Table 1 (Revised February 2008)*

| <b>Requirements</b>   | <b>Self-service<br/>Dispenser<br/>Area</b> | <b>Storage Racks for<br/>DOT Portable or<br/>Forklift<br/>Containers</b> | <b>Licensee or Non-<br/>Licensee ASME<br/>4001+ Gal.<br/>A.W.C.</b> | <b>Any Licensee<br/>Installation (DOT<br/>Container Filling<br/>and/or Service<br/>Station Only)</b> |
|---|--|--|---|--|
| 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 non-licensee 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 non-licensee installations) | * |  | * | * |
|---|---|--|---|---|

(1) Unless colors are specified, lettering shall be in a color that sharply contrasts to the background color of the sign, and shall be readily visible to the public.

(2) Items 1, 2, and 3 in Table 1 may be combined on one sign.

(3) Items 1, 2, and 3 in the column entitled "Licensee or Non-Licensee ASME 4001+ Gal. A.W.C." in Table 1 apply to installations with 4,001 gallons or more aggregate water capacity protected only by guardrailing as required in subsection (d) of this section, and bulkheads as required by §9.143 of this title (relating to Bulkhead, Internal Valve, API 607 Ball Valve, and ESV Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More) for commercial, bulk storage, cylinder filling, or forklift installations.

(4) Item 11 in the column entitled "Requirements" in Table 1 applies to facilities which have two or more containers.

(5) Item 13 in the column entitled "Requirements" in Table 1 applies to outlets where an LP-gas certified employee is responsible for the LP-gas activities at that outlet, when a licensee's employee is the operations supervisor at more than one outlet as required by §9.17(a) of this title (relating to Designation and Responsibilities of Company Representative and Operations Supervisor).

(6) Any information in Table 1 of this subsection required for an underground container shall be mounted on a sign posted within 15 feet horizontally of the manway or the container shroud.

(7) Licensees and non-licensees shall comply with operational and/or procedural actions specified by the signage requirements of this section.

(8) Any 24-hour emergency telephone numbers shall be:

(A) monitored at all times; and

(B) be answered by a person who is knowledgeable of the hazards of LP-gas and who has comprehensive LP-gas emergency response and incident information, or has immediate access to a person who possesses such knowledge and information. A telephone number that requires a call back (such as an answering service, answering machine, or beeper device) does not meet the requirements of this section.

(h) Storage racks used to store nominal 20-pound DOT portable or any size forklift containers shall be protected against vehicular damage by:

(1) meeting the guardrail requirements of subsection (d) of this section; or

(2) installing guard posts, provided:

(A) effective February 1, 2008, for new installations, the guard posts are installed a minimum of 18 inches from each storage rack and consist of at least three-inch schedule 40 steel pipe, capped on top or

otherwise protected to prevent the entrance of water or debris into the guard post, no more than four feet apart, and anchored in concrete at least 30 inches below ground and rising at least 30 inches above the ground; or

(B) effective February 1, 2008, for new installations, the guard posts are installed a minimum of 18 inches from each storage rack and are constructed of at least four-inch schedule 40 steel pipe capped on top or otherwise protected to prevent the entrance of water or debris into the guard post, and attached by welding to a minimum 8-inch by 8-inch steel plate at least 1/2 inch thick. The guard posts and steel plate shall be permanently installed and securely anchored to a concrete driveway or concrete parking area.

(3) Guardrail or guard posts are not required to be installed if:

(A) the cylinder storage rack is located a minimum of 48 inches behind a concrete curb or concrete wheel stop that is a minimum of five inches in height above the grade of the driveway or parking area;

(B) if the requirements of subparagraph (A) cannot be met, the cylinder storage rack must be installed a minimum of 48 inches behind a concrete curb or concrete wheel stop that is a minimum of four inches in height above the grade of the driveway or parking area, and a concrete wheel stop at least four inches in height must be installed at least 12 inches from the curb or first wheel stop;

(4) All parking wheel stops and cylinder storage racks in paragraph (3) of this subsection must be secured against displacement.

(i) Self-service dispensers shall be protected against vehicular damage by:

(1) guardrails that comply with subsection (d)(2) - (6) of this section; or

(2) guard posts that comply with subsection (d)(2) of this section; or

(3) where routine traffic patterns expose only the approach end of the dispenser to vehicular damage, support columns, concrete barriers, bollards, inverted U-shaped guard posts anchored in concrete, or other protection acceptable to LP-Gas Operations, provided:

(A) such protection extends beyond the framework of the dispenser; and

(B) at least 24 inches of clearance is maintained between the approach end of the dispenser and the protective barrier.

(4) Self-service dispensers utilizing protection specified in paragraphs (2) - (3) of this subsection shall be connected to supply piping by a device designed to prevent the loss of LP-gas in the event the dispenser is displaced. The device must retain liquid on both sides of the breakaway point and be installed in a manner to protect the supply piping against damage.

*The provisions of this §9.140 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.141. Uniform Safety Requirements.**

(a) In addition to NFPA 58, §6.6.1.4, containers shall be painted as follows:

(1) ASME containers, except vaporizers, shall be painted white or aluminum, or any other heat-reflective color (such as light green, light blue, etc.). Darker, heat-absorbing colors (such as black, navy blue, etc.) shall not be permitted.

(2) If LP-Gas Operations disapproves of a certain color, the licensee or ultimate consumer shall provide to LP-Gas Operations information from the container or paint manufacturer stating specific reasons why the color is heat-reflective and should be approved. The LP-Gas Operations director shall make the final determination and shall notify the licensee or ultimate consumer.

(b) In addition to NFPA 58, §6.24.4.2, each LP-gas private or public motor/mobile or forklift refueling installation which includes a liquid dispensing system shall incorporate into that dispensing system a breakaway device. Any vapor return hose installed at such installations shall also be equipped with a breakaway device. LP-gas installations at which forklift cylinders are completely removed from the forklift before being filled are not required to have a breakaway device.

(c) Locking handles on ball-type shutoff valves. Any ball-type shutoff valve less than two inches in size shall have a locking handle. If a ball-type shutoff valve of any size has a locking handle installed at the terminal end of the hose, the main liquid and/or vapor valves or main shutoff valves on the stationary container at an attended installation may remain open as long as the locking handle on the transfer hose remains locked until the transfer hose is properly connected. If a ball-type shutoff valve two inches or larger in size does not have a locking handle, the main liquid and/or vapor valves or main shutoff valves on the stationary container shall remain closed at all times and shall not be opened until the transfer hose is properly connected or disconnected.

(d) Pumps. A retail operated DOT portable container filling installation and/or service station installation shall be equipped with a pump.

(e) In addition to NFPA 58, §5.2.8.1, all containers shall be numbered in accordance with the requirements set forth in Table 1 of §9.140 of this title (relating to Uniform Protection Standards).

(f) In addition to NFPA 58, §6.4.7, no canopies or coverings are allowed over any LP-gas container or over loading and unloading areas where LP-gas transport transfer operations are performed. Non-combustible wind breaks and other weather protection may be installed to provide employees and customers protection against the elements of weather, but shall not be installed over any portion of an LP-gas container.

(g) Any container that may have contained product other than LP-gas shall be thoroughly cleaned and purged prior to introducing LP-gas into such container. Only grades of LP-gas determined to be noncorrosive may be introduced into any container. LP-gas may not contain anhydrous ammonia, hydrogen sulfide, or any other contaminant.

(1) If it is known or suspected that the LP-gas has been or may be contaminated, the person responsible for the contamination shall have one or more of the tests contained in "Liquefied Petroleum Gas Specifications for Test Methods, Gas Processors Association (GPA) 2140" performed by a testing laboratory or individual qualified to perform the tests. LP-Gas Operations may request information necessary to determine the qualification of any testing laboratory or individual.

(2) The results of the tests shall certify whether the LP-gas is contaminated or corrosive, whether the use of the LP-gas in the containers will damage either the stationary or non-stationary containers or the container valves, fittings, or appurtenances, or whether the contaminated product or container or container valves, fittings, or appurtenance will endanger the health, safety, and welfare of the general public.

(3) Based on the results of the tests, LP-Gas Operations may require that the LP-gas be removed immediately from the container or that the container be removed immediately from LP-gas service.

(h) A container designed for underground installation only shall not contain liquid fuel at any time the container is aboveground or uncovered.

*The provisions of this §9.141 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.142. LP-Gas Container Storage and Installation Requirements.** Except as noted in this section and in addition to NFPA 58 §6.3.1, LP-gas containers shall be stored or installed in accordance with the distance requirements in NFPA 58, §§6.2.2, 6.4.5, and 8.4.1 and any other applicable requirements in NFPA 58 or the LP-Gas Safety Rules.

(1) An LP-gas liquid dispensing installation other than a retail operated DOT portable container filling/service station installation is not required to have a pump, provided that the storage containers are located one and one half times the required distances specified in NFPA 58, §6.2.2, or a minimum distance of 15 feet if the storage container is less than 125 gallons water capacity.

(2) Any LP-gas container constructed prior to 1970 which has an odd-numbered water gallon capacity (for example, 517 water gallons instead of 500 water gallons) that is not more than 5.0% greater than the standard water gallon capacity may be installed utilizing the minimum distance requirement based on the standard water gallon capacity.

*The provisions of this §9.142 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*

*§9.143. Bulkhead, Internal Valve, API 607 Ball Valve, and ESV Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.*

(a) Instead of NFPA 58, §6.6.12, effective February 1, 2001, new stationary LP-gas installations with individual or aggregate water capacities of 4,001 gallons or more, including licensee and nonlicensee locations, shall install a vertical bulkhead, and for all container openings 1 1/4 inches or greater, pneumatically-operated emergency shutoff valves (ESV), pneumatically-operated internal valves, or pneumatically-operated API 607 ball valves as required in this section and in the table in §9.403 of this title (relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted With Changes or Additional Requirements for NFPA 58, §6.11.1. In lieu of a pneumatically-operated internal valve or a pneumatically-operated ESV, a backflow check valve may be installed where the flow is in one direction into the container. The backflow check valve shall have a metal-to-metal seat or a primary resilient seat with metal backup, not hinged with combustible material, and shall be designed for this specific application.

(1) The pneumatic ESV and/or backflow check valves shall be installed in the fixed piping of the transfer system upstream of the bulkhead and within four feet of the bulkhead with a stainless steel flexible wire-braided hose not more than 36 inches long installed between the ESV and the bulkhead.

(2) The ESV shall be installed in the piping so that any break resulting from a pull away will occur on the hose or swivel-type piping side of the connection

while retaining intact the valves and piping on the storage side of the connection and will activate the ESV at the bulkhead and the internal valves, ESV, and API 607 ball valves at the container or containers. Provisions for anchorage and breakaway shall be provided on the cargo tank side for transfer from a railroad tank car directly into a cargo tank. Such anchorage shall not be required from the tank car side.

(3) Pneumatically-operated ESV, internal valves, and API 607 ball valves shall be equipped for automatic shutoff using thermal (fire) actuation where the thermal element is located within five feet (1.5 meters) of the ESV, internal valves, and/or API 607 ball valves. Temperature sensitive elements shall not be painted nor shall they have any ornamental finishes applied after manufacture.

(4) Internal valves, ESVs, and backflow check valves shall be tested annually for working order. The results of the tests shall be documented in writing and kept in a readily accessible location for one year following the performed tests.

(5) Pneumatically-operated internal valves, ESV, and API 607 ball valves shall be interconnected and incorporated into at least one remote operating system.

(b) In addition to NFPA 58 §5.9.6, within two years of February 1, 2001, or by February 1, 2003, at the latest, stationary LP-gas installations in existence as of February 1, 2001, with individual or aggregate water capacities of 4,001 gallons or more, including licensee and nonlicensee locations, or railroad tank car transfer systems to fill trucks with no stationary storage involved, which do not have a bulkhead, ESV, and/or backflow check valves where the flow is in one direction into the container shall install vertical bulkheads, pneumatic ESV and/or backflow check valves where the flow is in one direction into the container.

(c) Existing installations which have horizontal bulkheads and cable-actuated ESV shall comply with the following:

(1) If the horizontal bulkhead requires replacement, it shall be replaced with a vertical bulkhead;

(2) If a cable-actuated ESV requires replacement, it shall be replaced with a pneumatically-operated ESV;

(3) If the horizontal bulkhead or a backflow check valve or a cable-actuated ESV are moved from their original location to another location, no matter what the distance from the original location, then the installation shall comply with the requirements for a vertical bulkhead and pneumatically-operated ESV;

(4) All cable-actuated ESV shall be replaced with pneumatically-operated ESV by January 1, 2011.

(d) Bulkheads, whether horizontal or vertical, shall comply with the following requirements:

(1) Bulkheads shall be installed for both liquid and vapor return piping;

(2) No more than two transfer hoses shall be attached to a pipe riser. If two hoses are simultaneously connected to one or two transports, the use of the two hoses shall not prevent the activation of the ESV in the event of a pull away;

(3) Both liquid and vapor transfer hoses shall be plugged or capped;

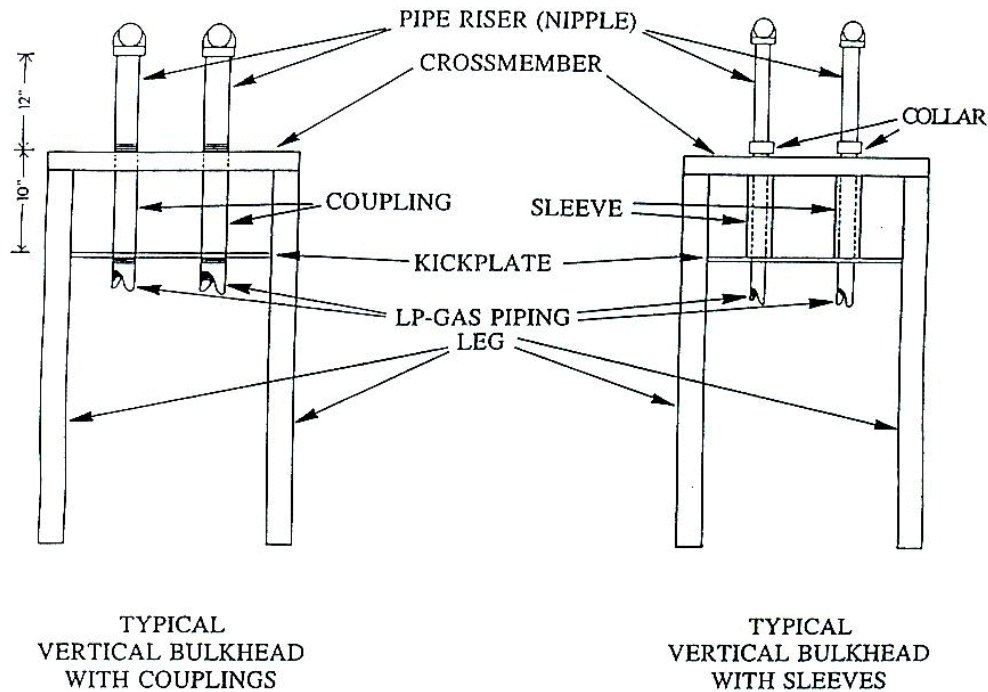
(4) Bulkheads shall be located at least 10 feet from any aboveground container or containers and a minimum of 10 feet horizontally from any portion of a container or valve exposed aboveground on any underground or mounded container. If the 10-foot distance cannot be obtained, the licensee or nonlicensee

shall inform the Safety Division (the Division) in writing and include all necessary information. The Division may grant administrative distance variances to a minimum distance of five feet. If the licensee or nonlicensee requests that the bulkhead be closer than five feet to the container or containers, the licensee or nonlicensee shall apply for an exception to a safety rule as specified in §9.27 of this title (relating to Application for an Exception to a Safety Rule);

(5) Horizontal bulkheads shall not be converted to vertical bulkheads;

(6) Bulkheads shall be anchored in reinforced concrete to prevent displacement of the bulkhead, piping, and fittings in the event of a pullaway;

(7) Bulkheads shall be constructed by welding using the following materials or materials with equal or greater strength, as shown in the diagram.



(A) Six-inch steel channel iron shall be used;

(B) Legs shall be four-inch schedule 80 piping;

(C) The top crossmember of a vertical bulkhead shall be six-inch standard weight steel channel iron. The channel iron shall be installed so the channel portion is pointing downward to prevent accumulation of water or other debris. The height of the top crossmember above ground shall not result in torsional stress on the vertical supports of the bulkhead in the event of a pullaway;

(D) The kick plate shall be at least 1/4 inch steel plate installed at least 10 inches from the top of the bulkhead crossmember. A kick plate is not required if the crossmember is constructed to prevent torsional stress from being placed on the piping to the pipe risers;

(E) Either a schedule 40 pipe sleeve or a 3,000-pound coupling shall be welded between the top crossmember and the kick plate;

(i) Pipe sleeves shall have a clearance of 1/4 inch or less for the piping to the pipe riser, and the piping shall terminate through the bulkhead with a

schedule 80 pipe collar, a minimum 12-inch schedule 80 threaded (not welded) pipe riser (nipple), and an elbow or other fitting between the bulkhead and hose coupling;

(ii) If a 3,000-pound coupling is used, no collar is required; however, the minimum 12-inch length of schedule 80 threaded pipe riser and an elbow or other fitting between the bulkhead and hose coupling are required;

(iii) Elbows or other fittings shall comply with NFPA 58, §2.4.4 and shall direct the transfer hose from vertical to prevent binding or kinking of the hose.

(8) In lieu of a minimum 12-inch nipple or a vertical bulkhead, swivel-type piping (breakaway loading arm) may be installed. The swivel-type piping shall meet all applicable provisions of the LP-Gas Safety Rules. The swivel-type piping may also be used for unloading, but shall not be used in lieu of ESVs. The swivel-type piping shall be installed and maintained according to the manufacturer's instructions.

(9) LP-Gas Operations may require additional bulkhead protection if the installation is subject to exceptional circumstances or located in an unusual area where additional protection is necessary to protect the health, safety, and welfare of the general public.

(e) In addition to NFPA 58, §5.7.4.2 as amended in the table in §9.403 of this title (relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements), ESVs, internal valves, and API 607 ball valves shall have emergency remote controls conspicuously marked according to the requirements of Table 1 of §9.140 of this title (relating to Uniform Protection Standards) as follows:

(1) Effective February 1, 2001, for all new facilities, where a bulkhead, internal valves, and ESVs are installed, at least one clearly identified and easily accessible manually operated remote emergency shutoff device shall be located between 20 and 100 feet from the ESV in the path of egress from the ESV. Existing installations shall have complied by August 1, 2001.

(2) Beginning September 1, 2005, for new installations, at least one clearly identified and easily accessible manually operated remote emergency shutoff device shall be located between 25 and 100 feet from the ESV at the bulkhead and in the path of egress from the ESV. API 607 ball valves installed after February 1, 2008, shall also meet the requirements of this section.

(3) The use of swivel-type piping as specified in subsection (d)(8) of this section shall not eliminate the requirement for an ESV. Swivel-type piping may be installed between the bulkhead and the minimum 12-inch nipple, but shall not eliminate the requirement for an ESV. The swivel-type piping shall be installed and maintained according to the manufacturer's instructions.

(f) The bulkheads, internal valves, backflow check valves, and ESVs shall be kept in working order at all times in accordance with the manufacturer's instructions and the *LP-Gas Safety Rules*. If the bulkheads, internal valves, backflow check valves and ESVs are not in working order in accordance with the manufacturer's instructions and the *LP-Gas Safety Rules*, the licensee or operator of the installation shall immediately remove them from LP-gas service and shall not operate the installation until all necessary repairs have been made.

(g) In addition to NFPA 58 §§5.9.6 and 6.9.6.1, by February 1, 2003, rubber flexible connectors which are 3/4-inch or larger in size installed in liquid or vapor piping at an existing liquid transfer operation shall have been replaced with a stainless steel flexible connector. Stainless steel flexible connectors shall be 60 inches in length or less, and shall comply with all applicable *LP-Gas Safety Rules*. Flexible connectors installed at a new installation after February 1, 2001, shall be stainless steel.

(h) If necessary to increase LP-gas safety, LP-Gas Operations may require a pneumatically-operated internal valve equipped for remote closure and automatic shutoff through thermal (fire) actuation to be installed for certain liquid and/or vapor connections with an opening of 3/4 inch or one inch in size.

(i) Stationary LP-gas installations with individual or aggregate water capacities of 4,001 gallons or more are exempt from subsections (a) and (b) of this section provided:

(1) each container is filled solely through a 1 3/4 inch double back check filler valve installed directly into the container; and

(2) at least one clearly identified and easily accessible manually operated remote emergency shutoff device shall be located between 25 and 100 feet from the point of transfer in the path of egress to close the primary discharge valves in the containers; and

(3) the LP-gas installation is not used to fill an LP-gas transport.

*The provisions of this §9.143 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

## **SUBCHAPTER C. VEHICLES AND VEHICLE DISPENSERS**

### **§.201. Applicability.**

(a) This subchapter applies to transport containers and moveable fuel storage tenders such as farm carts constructed to MC-330 or MC-331 Department of Transportation (DOT) specifications, nonspecification

units, container delivery units, school buses, mass transit vehicles, special transit vehicles, and public transportation vehicles.

(1) Transfer of LP-gas from one transport to another shall be permitted only through a hose with a nominal inside diameter of 1 1/4 inch or less and protected by an off-truck remote control shutdown as required in 49 CFR.

(2) An LP-gas transport shall not be joined to manifold piping or to a stationary container for use as an auxiliary storage container at any stationary installation except with prior approval from LP-Gas Operations.

(b) All transports and moveable fuel storage tenders shall comply with MC-330 or MC-331, or the exemption in Title 49, Code of Federal Regulations (CFR), §173.315(k).

(c) Licensees and ultimate consumers shall comply with other DOT or motor vehicle requirements, if applicable. In addition, transports and container delivery units shall also comply with the applicable sections of Title 49 CFR, the Federal Motor Vehicle Safety Standards, and any other applicable regulations. Examples of such additional requirements are as follows:

(1) 49 CFR §177.834(j) states: "Except for a cargo tank conforming to §173.29(b)(2) of this subchapter, a person may not drive a cargo tank motor vehicle containing a hazardous material regardless of quantity unless: (1) All manhole closures are closed and secured; and (2) All valves and other closures in liquid discharge systems are closed and free of leaks."

(2) 49 CFR §177.840(g) states: "Each liquid discharge valve on a cargo tank, other than an engine fuel line valve, must be closed during transportation except during loading and unloading."

(3) 49 CFR §180.405(n) states: "Thermal activation. No later than the date of its first scheduled leakage test after July 1, 1999, each specification MC 330 or MC 331 cargo tank motor vehicle and each nonspecification cargo tank motor vehicle conforming to §173.315(k) of this subchapter, marked and certified before July 1, 1999, that is used to transport a liquefied compressed gas, other than carbon dioxide and chlorine, that has a water capacity of 13,247.5 liters (3,500 gallons) or less must be equipped with a means of thermal activation for the internal self-closing stop valve as specified in §178.337-8(a)(4) of this subchapter."

*The provisions of this §9.201 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

#### §9.202. *Registration and Transfer of LP-Gas Transports or Container Delivery Units.*

(a) A person who operates a transport equipped with LP-gas cargo tanks or any container delivery unit, regardless of who owns the transport or unit, shall register such transport or unit with LP-Gas Operations in the name or names under which the operator conducts business in Texas prior to the unit being used in LP-gas service.

(1) To register a unit previously unregistered in Texas, the operator of the unit shall:

(A) pay to LP-Gas Operations the \$270 registration fee for each bobtail truck, semitrailer, container delivery unit, or other motor vehicle equipped with LP-gas cargo tanks; and

(B) file a properly completed LPG Form 7.

(2) To register an MC-330/MC-331 specification unit which was previously registered in Texas but for which the registration has expired, the operator of the unit shall:

(A) pay to LP-Gas Operations the \$270 registration fee;

(B) file a properly completed LPG Form 7; and

(C) file a copy of the latest test results if an expired unit has not been used in the transportation of LP-gas for over one year.

(3) To transfer a unit, the new operator of the unit shall:

(A) pay the \$100 transfer fee for each unit; and

(B) file a properly completed LPG Form 7.

(b) LP-Gas Operations may also request that an operator registering or transferring any unit:

(1) file a copy of the Manufacturer's Data Report; or

(2) have the unit tested by a test other than those required by §9.208 of this title (relating to Testing Requirements).

(c) When all registration or transfer requirements have been met, LP-Gas Operations shall issue LPG Form 4 which shall be properly affixed in accordance with the placement instructions on the form. LPG Form 4 shall authorize the licensee or ultimate consumer to whom it has been issued and no other person to operate such unit in the transportation of LP-gas and to fill the transport containers.

(1) A person shall not operate an LP-gas transport unit or container delivery unit in Texas unless the LPG Form 4 has been properly affixed or unless its operation has been specifically approved by LP-Gas Operations.

(2) A person shall not introduce LP-gas into a transport container unless that unit bears an LPG Form

4 or unless specifically approved by LP-Gas Operations.

(3) LPG Form 4 shall not be transferable by the person to whom it has been issued, but shall be registered by any subsequent licensee or ultimate consumer prior to the unit being placed into LP-gas service.

(4) This subsection shall not apply to:

(A) a container manufacturer/fabricator who introduces a reasonable amount of LP-gas into a newly constructed container in order to properly test the vessel, piping system, and appurtenances prior to the initial sale of the container. The liquid LP-gas shall be removed from the transport container prior to the unit leaving the container manufacturer/fabricator's premises; or

(B) a person who introduces a maximum of 150 gallons of LP-gas into a newly constructed transport container when such container will provide the motor fuel to the chassis engine for the purpose of allowing the unit to reach its destination

(5) LP-Gas Operations shall not issue an LPG Form 4 if:

(A) LP-Gas Operations or a Category A, B, or O licensee determines that the transport is unsafe for LP-gas service;

(B) LP-Gas Operations does not have an inspection record of the transport or cylinder delivery unit by a Commission representative within four years of its initial registration on or after January 1, 2006; or

(C) LP-Gas Operations has not inspected the transport or cylinder delivery unit at least once within a four-year cycle thereafter.

(6) If an LPG Form 4 decal on a unit currently registered with LP-Gas Operations is destroyed, lost, or damaged, the operator of that vehicle shall obtain a replacement decal by filing LPG Form 18B and a \$50 replacement fee with LP-Gas Operations.

*The provisions of this §9.202 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.203. School Bus, Public Transportation, Mass Transit, and Special Transit Vehicle Installations and Inspections.**

(a) After the manufacture of or the conversion to an LP-gas system on any vehicle to be used as a school bus, mass transit, public transportation, or special transit vehicle, the manufacturer, licensee, or ultimate consumer making the installation or conversion shall notify LP-Gas Operations, in writing on LPG Form 503 that the applicable LP-gas powered vehicles are ready for a complete inspection to determine compliance with the LP-Gas Safety Rules.

(b) If LP-Gas Operations initial complete inspection finds the vehicle in compliance with the LP-Gas Safety Rules and the statutes, the vehicle may be placed into LP-gas service. For fleet installations of identical design, an initial inspection shall be conducted prior to the operation of the first vehicle, and subsequent vehicles of the same design may be placed into service without prior inspections. Inspections shall be conducted within a reasonable time frame to ensure the vehicles are operating in compliance with the LP-Gas Safety Rules. If violations exist at the time of the initial complete inspection, the vehicle shall not be placed into LP-gas service and the manufacturer, licensee, or ultimate consumer making the installation or conversion shall correct the violations. For public transportation vehicles only, either manufactured to use or converted to LP-gas, if LP-Gas Operations does not conduct the initial inspection of such vehicle within 30 business days of receipt of LPG Form 503, the vehicle may be operated in LP-gas service if it complies with the LP-Gas Safety Rules. The manufacturer, licensee, or ultimate consumer shall file with LP-Gas Operations documentation demonstrating compliance with the LP-Gas Safety Rules, or LP-Gas Operations shall conduct another complete inspection before the vehicle may be placed into LP-gas service.

(c) The manufacturer, licensee, or ultimate consumer making the installation or conversion shall be responsible for compliance with the *LP-Gas Safety Rules*, statutes, and any other local, state, or federal requirements.

(d) If the requested LP-Gas Operations inspection identifies violations requiring modifications by the manufacturer, licensee, or ultimate consumer, LP-Gas Operations shall consider the assessment of an inspection fee to cover the costs associated with any additional inspection, including mileage and per diem rates set by the legislature.

*The provisions of this §9.203 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

**§9.204. Maintenance of Vehicles.** All LP-gas vehicles and vehicle containers, valves, dispensers, accessories, piping, transfer equipment, gas container, gas utilization equipment, and appliances shall be maintained in safe working order and in accordance with the manufacturer's instructions and the LP-Gas Safety Rules. If any of the LP-gas vehicles and vehicle containers, valves, dispensers, accessories, piping, transfer equipment, gas containers, gas utilization equipment, or appliances is not in safe working order, LP-Gas Operations may require that the vehicle be



immediately removed from LP-gas service and not be operated until the necessary repairs have been made.

*The provisions of this §9.204 adopted to be effective September 1, 2005, 30 TexReg 4810; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.206. *Vehicle Identification Labels.* LP-gas shall not be introduced into any vehicle powered by LP-gas and designed for regular use on public roadways unless the vehicle is properly identified by a weather-resistant diamond-shaped label described in NFPA 58, §11.11.1, as that section is amended in Table 1 of §9.403 of this title (relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted With Changes or Additional Requirements).

*The provisions of this §9.206 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.208. *Testing Requirements.* Each transport container unit required to be registered with LP-Gas Operations shall be tested in accordance with 49 CFR 180.407, relating to requirements for test and inspection of specification cargo tanks. The tests shall be conducted by any individual authorized by the United States Department of Transportation through a DOT "CT" number to conduct such tests. This section shall not apply to the initial transfer of unregistered units that are tested and transferred from another state. If the test results show any unsafe condition, or if the transport unit does not comply with 49 CFR Parts 100 - 185, the transport container unit shall be immediately removed from LP-gas service and shall not be returned to LP-gas service until all necessary repairs have been made and LP-Gas Operations authorizes in writing its return to service.

*The provisions of this §9.208 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.211. *Markings.* In addition to NFPA 58 §9.4.6.2, each LP-gas transport and container delivery unit in LP-gas service shall be marked on each side and the rear with the name of the licensee or the ultimate consumer operating the unit. Such lettering shall be legible and at least two inches in height and in sharp color contrast to the background. LP-Gas Operations shall determine whether the name marked on the unit is sufficient to properly identify the licensee or ultimate consumer.

*The provisions of this §9.211 adopted to be effective February 1, 2001, 26 TexReg 947; amended to*

*be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

§9.212. *Manifests.*

(a) All manifests or bills of lading shall indicate the amount and type of odorant per gross gallons, the vapor pressure of the product at 100 degree Fahrenheit, the net gallons, the loading temperature, the specific gravity at 60 degrees Fahrenheit, the type of product, and the United Nations number with verification by the loading entity and loader. A copy of the manifest or bill of lading shall be given to the entity receiving the shipment.

(b) This requirement shall not apply to loads covered by permanent shipping papers authorized by DOT.

(c) Manifests shall be made available to the Commission upon request.

*The provisions of this §9.212 adopted to be effective February 1, 2001, 26 TexReg 947.*

#### **SUBCHAPTER D. ADOPTION BY REFERENCE OF NFPA 54 (NATIONAL FUEL GAS CODE)**

§9.301. *Adoption by Reference of NFPA 54.*

(a) Except as modified in the remaining sections of this subchapter, the Commission adopts by specific reference the provisions established by the National Fire Protection Association in its 2006 edition of the *National Fuel Gas Code*, commonly referred to as NFPA 54 or Pamphlet 54. Nothing in this section or subchapter shall prevent the Commission, after notice, from adopting additional requirements, whether more or less stringent, for individual situations to protect the health, safety, and welfare of the general public. Any documents or parts of documents incorporated by reference into these rules shall be a part of these rules as if set out in full.

(b) The Commission also adopts by reference all other NFPA publications or portions of those publications referenced in NFPA 54 which apply to LP-gas activities only. The adopted pamphlets referenced in NFPA 54 are:

(1) NFPA 30A, *Code for Motor Fuel Dispenser Facilities and Repair Garages*, 2003 edition;

(2) NFPA 37, *Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines*, 2002 edition;

(3) NFPA 51, *Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes*, 2002 edition;

(4) NFPA 52, *Vehicular Fuel Systems Code*, 2006 edition;

(5) NFPA 58, *Liquefied Petroleum Gas Code*, 2004 edition;

(6) NFPA 70, *National Electrical Code*, 2005 edition;

(7) NFPA 82, *Standard on Incinerators and Waste, and Linen Handling Systems and Equipment*, 2004 edition;

(8) NFPA 88A, *Standard for Parking Structures*, 2002 edition;

(9) NFPA 90A, *Standard for the Installation of Air Conditioning and Ventilating Systems*, 2002 edition;

(10) NFPA 90B, *Standard for the Installation of Warm Air Heating and Air Conditioning Systems*, 2006 edition;

(11) NFPA 96, *Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations*, 2004 edition;

(12) NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*, 2003 edition;

(13) NFPA 409, *Standard on Aircraft Hangars*, 2004 edition;

(14) NFPA 853, *Standard for the Installation of Station Fuel Cell Power Systems*, 2003 edition; and

(15) NFPA 1192, *Standard on Recreational Vehicles*, 2005 edition.

*The provisions of this §9.301 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.302. *Clarification of Certain Terms Used in NFPA 54.*

(a) Authority having jurisdiction. As pertains to LP-gas activities in Texas, the phrase "authority having jurisdiction" defined in NFPA 54, §3.2, and referenced in other NFPA publications shall be the Railroad Commission of Texas or any of its divisions or employees, except with respect to the definitions of "approved," "engineering," "labeled," and "listed" in NFPA 54, §3.2.

(b) Qualified agency. The term "qualified agency" as defined in NFPA 54, §3.3.83, shall include a person (as "person" is defined in §9.2 of this title (relating to Definitions)) who holds a current license issued by the Commission, or a person performing certain LP-gas activities on his own premises, as allowed in §9.134 of this title (relating to Connecting Container to Piping).

(c) Engineering. The Commission does not adopt language in any NFPA 54 rule such as "sound engineering practice," "accepted engineering practice," "good engineering practice," "sound engineering design," or similar language that might be understood to mean or refer to the practice of engineering. The omission of a specific NFPA 54 rule or other NFPA pamphlets containing such language from the exceptions listed in this subchapter is inadvertent and

shall not be read or understood as requiring, allowing, or approving the unlicensed practice of engineering or any other professional occupation requiring a license.

*The provisions of this §9.302 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.303. *Exclusion of NFPA 54, §10.29.* The Commission does not adopt NFPA 54, §10.29, which refers to NFPA 52, Vehicular Fuel Systems Code. Persons engaging in CNG activities shall comply with the Commission's adopted rules at Chapter 13 of this title (relating to Regulations for Compressed Natural Gas (CNG)).

*The provisions of this §9.303 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.306. *Room Heaters in Public Buildings.* In addition to applicable requirements in NFPA 54, Chapter 10, Installation of Specific Equipment, room heaters in schools, day care centers, foster homes, hotels or other similar buildings or rooms used for temporary lodging shall be vented and equipped with a safety shut-off device, except that room heaters with 40,000 Btu or less input and infrared heaters are not required to be vented, but shall have a safety shutoff device and an oxygen depletion system (ODS).

*The provisions of this §9.306 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.307. *Identification of Converted Appliances.*

(a) In addition to the requirements of NFPA 54, §9.1.3, and NFPA 58, §5.20, upon completion of the conversion and testing of LP-gas appliances, the licensee, registrant, or appliance manufacturer making the conversion shall attach to each such appliance a decal or tag of metal or other permanent material indicating that the appliance is converted for use with LP-gas.

(b) Conversion of an appliance for use with LP-gas by an authorized representative of the appliance manufacturer, using parts provided by the manufacturer, is not an activity requiring licensing pursuant to Texas Natural Resources Code, §113.081.

*The provisions of this §9.307 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.308. *Identification of Piping Installation.*

(a) In addition to the requirements of NFPA 54, Chapter 7, Gas Piping Installation, LP-gas piping shall be installed, altered, repaired, pressure tested, and leakage tested only by persons properly licensed or certified by the Commission.

(b) Licensees and registrants shall document and retain such documentation of all pressure and leakage tests pursuant to §9.4 of this title (relating to Records and Enforcement).

*The provisions of this §9.308 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*

*§9.311. Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.*

(a) In addition to the requirements of NFPA 54, §9.6.2 and NFPA 58 §5.9.6.5 regarding gas hose connectors, agricultural structures, such as greenhouses or broiler houses, or industrial structures not inhabited by humans may have appliance connectors more than six feet in length provided that:

- (1) the hose used shall be marked as acceptable for LP-gas service;
- (2) the hose shall comply with NFPA 58, §§5.9.6.1 through 5.9.6.4;
- (3) the length of the hose used shall be only that which is sufficient to serve the purpose for which it is intended; and
- (4) manufactured hose connections, such as quick-connect or threaded fittings, shall be used.

(b) Only broiler houses and other types of poultry houses may connect LP-gas piping with stainless steel screw-type banded clamps in lieu of the required manufactured hose connections specified in subsection (a)(4) of this section, provided that the clamps are properly installed and the connections are gas-tight, that the clamps are used in conjunction with hose barb adaptors, and that the system's operating pressure is 6 1/2 ounces or less. Other agricultural structures shall comply with the requirements of subsection (a)(4) of this section.

(c) In addition to the requirements in NFPA 54, §7.2.6, the support spacing requirement for 3/4 to one inch pipe shall not apply to agricultural structures not

inhabited by humans, such as greenhouses and broiler houses, provided that:

- (1) such piping is supported by ceiling trusses no more than ten feet apart; and
- (2) pipe joints and fittings are supported by the trusses.

*The provisions of this §9.311 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

*§9.312. Certification Requirements for Joining Methods.*

(a) In addition to the requirements in NFPA 54, §5.6.4, and NFPA 58, §5.9.5, and in addition to other LP-gas certification requirements, prior to performing heat-fusion on polyethylene pipe or tubing, an individual shall be certified by the manufacturer or the manufacturer's authorized representative. The certification shall confirm that the individual has a working knowledge of heat-fusion methods and the ability to properly perform the heat-fusion activity.

(b) The employer of an individual certified to perform heat-fusion activities shall complete LPG Form 506, which shall be maintained and available for review by a Commission representative. If the individual certified as required by subsection (a) of this section does not perform any heat-fusion activities for 12 consecutive months, that individual shall be recertified prior to resuming any heat-fusion activities.

(c) Licensees shall retain written proof regarding any current certifications for installation and repair methods for corrugated stainless steel tubing.

*The provisions of this §9.312 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122; amended to be effective December 24, 2012, 37 TexReg 9913.*

*§9.313. Sections in NFPA 54 Adopted with Additional Requirements or Not Adopted.* Table 1 of this section lists certain NFPA 54 sections which the Commission adopts with additional requirements or does not adopt in order to address the Commission's rules in this chapter.

**NFPA 54 Sections with Additional Requirements or Not Adopted**

| <b>Affected NFPA 54 Section</b> | <b>Specific Action</b>  | <b>Commission Rule(s) to be Followed or Other Comments</b>                 |
|---------------------------------|-------------------------|--|
| 5.6.4                           | additional requirements | See Commission rule §9.312, Certification Requirements for Joining Methods |

|            |                         |   |
|------------|-------------------------|---|
| Chapter 7  | additional requirements | See Commission rule §9.308, Identification of Piping Installation   |
| 7.2.6      | additional requirements | See Commission rule §9.311(c), Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support. |
| 9.1.3      | additional requirements | See Commission rule §9.307, Identification of Converted Appliances.   |
| 9.2.6      | additional requirements | See Commission rule §9.311(a), Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support. |
| Chapter 10 | additional requirements | See Commission rule §9.306, Room Heaters in Public Buildings.   |
| 10.29      | not adopted             | See Commission rule §9.303, Exclusion of NFPA 54, §10.29.   |

*The provisions of this §9.313 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective February 1, 2008, 33 TexReg 122.*

**SUBCHAPTER E. ADOPTION BY REFERENCE OF NFPA 58 (LP-GAS CODE)**

§9.401. *Adoption by Reference of NFPA 58.*

(a) Except as modified in this subchapter, the Commission adopts by specific reference the provisions established by the National Fire Protection Association (NFPA) in its 2008 edition of the *Liquefied Petroleum Gas Code* (formerly titled *Standard for the Storage and Handling of Liquefied Petroleum Gases*), commonly referred to as NFPA 58 or Pamphlet 58, effective February 1, 2008. Nothing in this section or subchapter shall prevent the Commission, after notice, from adopting additional requirements, whether more or less stringent, for individual situations to protect the health, safety and welfare of the general public. Any documents or parts of documents incorporated by reference into these rules shall be a part of these rules as if set out in full.

(b) The Commission also adopts by reference all other NFPA publications or portions of those publications referenced in NFPA 58, §2.1, which apply to LP-gas activities only. The adopted pamphlets referenced in NFPA 58 are:

- (1) NFPA 10, *Standard for Portable Fire Extinguishers*, 2007 edition;
- (2) NFPA 13, *Standard for the Installation of Sprinkler Systems*, 2007 edition;
- (3) NFPA 15, *Standard for Water Spray Fixed Systems for Fire Protection*, 2007 edition;
- (4) NFPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*, 2005 edition;

(5) NFPA 30, *Flammable and Combustible Liquids Code*, 2008 edition;

(6) NFPA 30A, *Code for Motor Fuel Dispensing Facilities and Repair Garages*, 2008 edition;

(7) NFPA 51B, *Standard for Fire Prevention in Use of Cutting and Welding Processes*, 2003 edition;

(8) NFPA 55, *Standard for the Storage, Use, and Handling of Compressed Gases and Cryogenic Fluids in Portable and Stationary Containers, Cylinders, and Tanks*, 2005 edition;

(9) NFPA 59, *Utility LP-Gas Plant Code*, 2004 edition;

(10) NFPA 70, *National Electrical Code*, 2008 edition;

(11) NFPA 99, *Standard for Health Care Facilities*, 2005 edition;

(12) NFPA 101, *Life Safety Code*, 2006 edition;

(13) NFPA 160, *Standard for the Use of Flame Effects Before an Audience*, 2006 edition;

(14) NFPA 220, *Standard on Types of Building Construction*, 2006 edition;

(15) NFPA 251, *Standard Methods of Tests of Fire Resistance of Building Construction and Materials*, 2006 edition;

(16) NFPA 1192, *Standard on Recreational Vehicles*, 2005 edition.

*The provisions of this §9.401 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

§9.402. *Clarification of Certain Terms Used in NFPA 58.*

(a) Authority having jurisdiction. As pertains to LP-gas activities in Texas, the phrase "authority having jurisdiction" defined in NFPA 58, §3.2, and referenced in other NFPA publications shall be the Railroad Commission of Texas or any of its divisions or employees, except with respect to the definitions of "approved," "labeled," and "listed" in NFPA 58, §3.2.

(b) Engineering. The Commission does not adopt language in any NFPA 58 rule such as "sound engineering practice," "accepted engineering practice," "good engineering practice," "sound engineering design," or similar language that might be understood to mean or refer to the practice of engineering. The omission of a specific NFPA 58 rule or other NFPA pamphlets containing such language from Table 1 of §9.403 of this title (relating to Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements is inadvertent and shall not be read or understood as requiring, allowing, or approving the unlicensed practice of engineering or any other professional occupation requiring a license.

(c) Container capacity, piping system, and appliance exceptions. The Commission does not adopt language in any NFPA rule, chart, figure, or table pertaining to any LP-gas container having a water capacity of one gallon (4.2 pounds LP-gas capacity) or less, or to any LP-gas piping system or appliance attached or connected to such a container.

*The provisions of this §9.402 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective February 1, 2008, 33 TexReg 122.*

*§9.403. Sections in NFPA 58 Not Adopted by Reference, and Adopted with Changes or Additional Requirements.*

(a) Table 1 of this section lists certain NFPA 58 sections which the Commission does not adopt because the Commission's corresponding rules are more pertinent to LP-gas activities in Texas, or which the Commission adopts with changed language or additional requirements in order to address the Commission's existing rules.

§9.403 Table--Sections in NFPA 58, 2008 Edition, Not Adopted by Reference, or Adopted With Changes,  
 Additional Requirements, or Corrections (**Revised February 2008**)

| Affected NFPA 58 Section          | Specific Action         | Commission Rule(s) to be Followed or Other Comments (underlining shows added language; strike-outs show deleted language)   |
|-----------------------------------|-------------------------|---|
| <del>4.7.4.4</del> <b>3.2.2</b>   | additional requirement  | In addition to definition for "Authority Having Jurisdiction," see Commission rule §9.402(a), Clarification of Certain Terms Used in NFPA 58.                         |
| <del>4.4.1</del> <b>4.3.1</b>     | 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.                          |
| <del>4.4.2</del> <b>4.3.2</b>     | not adopted             | See Commission rules §9.101, Filings Required for Stationary LP-Gas Installations, and §9.102 (c), Notice of Stationary LP-Gas Installations.                         |
| <del>4.5</del> <b>4.4</b>         | additional requirements | See Commission rule §9.10, Rules Examination, 9.51, General Requirements for Training and Continuing Education, and §9.52, Training and Continuing Education Courses. |
| <b>5.2.1.1</b>                    | additional requirements | See Commission rule §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping and §9.137, Inspection of Containers at Each Filling                                |
| <b>5.2.2</b>                      | additional requirements | See Commission rule §9.135, Unsafe of Unapproved Containers, Cylinders, or Piping and §9.137, Inspection of Containers at Each Filling                                |
| <del>2.2.2.2</del> <b>5.2.4.2</b> | additional requirement  | See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.   |
| <del>2.2.6.1</del> <b>5.2.8.1</b> | additional requirement  | See Commission rules §9.140 (g), Table 1, Uniform Protection Standards, and §9.141 (e), Uniform Safety Requirements.  |
| <del>2.2.6.3</del> <b>5.2.8.3</b> | not adopted             | See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers.   |

|                                |  |  |
|--------------------------------|--|--|
| 2-2-6-4 5.2.8.4(1)             | with changes                             | Warning labels shall be applied to all cylinders of <u>4.2 lb (1.9 kg) to 100 lb (45.4 kg) LP-Gas capacity or less</u> and not filled on site. The label shall include information on the potential hazards of LP-Gas.   |
| 2-2-6-5 5.2.8.5                | not adopted                              | See Commission rule §9.140, Table 1, Uniform Protection Standards.   |
| 2-3-1-5 5.7.3.1                | with changes                             | Cylinders with <u>4.2 lb (1.9 kg) 4-lb (1.8 kg)</u> through 40 lb (18 kg) propane capacity for vapor service shall be equipped or fitted with a listed overfilling prevention device that complies with UL 2227, <i>Overfilling Prevention Devices</i> , and a fixed maximum liquid level gauge. These devices shall be permitted to be a part of the container valve assembly.  |
| 2-3-2-3 5.7.2.4 (A)            | additional requirement                   | See Commission rule §9.131, 200 PSIG Working Pressure Stationary Vessels.  |
| 5.7.4.1                        | additional requirements and with changes | See Commission rules §9.9.143(e),<br>Containers of <u>4000 gal (2000 gal) (7.6 m3)</u> water capacity or less shall be fitted with valves and other appurtenances in accordance with Table 5.7.4.1. Shutoff, filler, check, and excess-flow valves shall comply with ANSI/UL 125, <i>Standard for Valves for Anhydrous Ammonia and LP-Gas (Other than Safety Relief)</i> , except that shutoff valves used on DOT cylinders shall comply with UL 1769, <i>Cylinder Valves. Containers over 4000 gal (15.1 m3) of 2001 gal through 4000 gal (7.6 m3 through 15.1 m3) water capacity in bulk-plant and industrial-plant service shall be fitted with valves and other appurtenances in accordance with Table 5.7.4.2 as adopted with changes. Containers of 2001 gal through 4000 gal (7.6 m3 through 15.1 m3) water capacity in other than bulk-plant and industrial-plant service shall be in accordance with Table 5.7.4.1.</i> |
| Table 2-3-3-2(a) Table 5.7.4.1 | with changes                             | Heading: Container Connection and Appurtenance Requirements for Containers Used in Other Than Bulk Plants and Industrial Plants<br><br>Column 1 Header: Cylinders <u>4.2 2</u> Through 420 lb Propane Capacity<br><br>Part F, Column 2: R ( <u>4.2 4</u> thru 40 lb) (see 5.7.3)   |
| 2-3-3-2(a)(5) 5.7.4.1(G)       | with changes                             | Overfilling prevention devices shall be required on cylinders having <u>4.2 lb 4-lb</u> through 40 lb (1.9 4-8 kg through 18 kg) propane capacity for vapor service. ( <i>See 2-3-1-5.</i> ) ( <i>See 5.7.3</i> )  |

2-3-3-2(b)(2) 5.7.4.2

with changes

ASME containers over 4000 gal (15.2 m<sup>3</sup>) water capacity shall be equipped in accordance with 5.7.4.2(A) through 5.7.4.2(G) and Table 5.7.4.2 the following:

(A through I not adopted.)

1. Container openings 1¼ -inch or greater

- a. A pneumatically operated internal valve equipped for remote closure and automatic shutoff using thermal (fire) actuation where the thermal element is located within 5 ft (1.5 m) of the internal valve, or a double back flow check filler valve, or a positive shutoff valve in combination with a back flow check valve
- b. An internal valve installed in containers prior to February 1, 2001, shall be equipped for pneumatically-operated remote closure and automatic shutoff using thermal (fire) actuation as described above by February 1, 2003.

c. Each container equipped with a positive shutoff valve that is located as close to the container as is practical in combination with an excess flow valve shall be retrofitted by February 1, 2006, with one of the following:

- 1. A pneumatically operated internal valve equipped for remote closure and automatic shutoff using thermal (fire) actuation installed directly into the container
- 2. A pneumatically operated emergency shutoff valve equipped for remote closure and automatic shutoff using thermal (fire) actuation installed in the line downstream within four feet of the existing positive shutoff valve.

3. A double back flow check filler valve

4. A positive shutoff valve in combination with a back flow check valve

d. Any vapor or liquid withdrawal opening 1 1/4 inch or larger with piping attached that exclusively provides service to stationary appliances or equipment, which is not part of a transfer system, may be equipped with an excess flow valve and a shutoff valve installed as close as practical to the container, in lieu of an internal valve or emergency shutoff valve.

e. For reducing the size of a container opening, only one bushing with a minimum pressure rating in accordance with Table 5.9.4.1 shall be installed.

f. Container openings that are not compatible with internal valves shall be permitted to utilize both an excess-flow valve installed in the container and a valve complying with API 607, *Fire Test Soft-Seated Quarter Turn Ball Valves*, which shall be pneumatically actuated and shall fail in the closed position.

2. Container openings less than 1¼-inch



|                                 |                        |  |
|---------------------------------|------------------------|--|
|                                 |                        | <p>a. <u>A positive shutoff valve that is located as close to the container as practical in combination with either an excess-flow valve or a back flow check valve installed in the container, or</u></p> <p>b. <u>A pneumatically operated internal valve with an integral excess-flow valve or excess-flow protection, or</u></p> <p>c. <u>A double back flow check filler valve.</u></p> |
| <b>Table 5.7.4.2</b>            | not adopted            | See NFPA 58 5.7.4.2 with changes   |
| <b>5.7.4.3</b>                  | not adopted            | See NFPA 5.7.4.1 with changes  |
| <b>5.7.4.5</b>                  | with changes           | The appurtenances specified in Table 5.7.4.1 <del>and 5.7.4.3</del> shall comply with the following:<br>(1 - 6 no changes)   |
| <b>5.7.7.1</b>                  | with changes           | Other container openings shall be equipped with any of the following: (1 - 5 no change)<br>(6) <u>For reducing the size of a container opening, only one bushing with a minimum pressure rating in accordance with Table 5.9.4.1 shall be installed.</u>   |
| <del>2.4.4.3</del> <b>5.9.5</b> | additional requirement | See Commission rule §9.312(b), Certification Requirements for Joining Methods.   |
| <del>2.4.6</del> <b>5.9.6</b>   | additional requirement | See Commission rule §9.143(b) and (g), Bulkhead, Internal Valve, and ESV Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.  |
| <del>2.4.4</del> <b>5.9.6.5</b> | additional requirement | See Commission rule §9.311, Special Exceptions for Agricultural and Industrial Structures Regarding Appliance Connectors and Piping Support.   |
| <del>2.6.2.4</del> <b>5.20</b>  | additional requirement | See Commission rule §9.307, Identification of Converted Appliances.  |
| <del>3.2.2.4</del> <b>6.2.2</b> | with changes           | <p>LP-Gas containers shall be located outside of buildings.</p> <p>1: (no change.)</p> <p>2: Containers <u>from 1 gal (3.785 l) to <del>ef less than</del> 125 gal (0.5 m<sup>3</sup>)</u> water capacity for the purposes of being filled in buildings or structures complying with Chapter 10.</p> <p>[<u>3 - 7</u> no changes]</p>  |

|  |   |   |
|--|---|---|
| <p><del>3-2-2-2</del> <b>6.3.1</b></p>             | <p>additional requirement<br/>and <u>with changes</u></p> | <p>In addition to <del>Table 4-6.3.1</del>, see Commission rule §9.142, LP-Gas Container Storage and Installation Requirements.<br/><u>Containers installed outside of buildings, whether of the portable type replaced on a cylinder exchange basis or permanently installed and refilled at the installation, shall be located with respect to the adjacent containers, important building, group of buildings, or line of adjoining property that can be built upon, in accordance with Table 6.3.1, Table 6.4.2, Table 6.4.5.8, and 6-32 6.3.3 through 6.312.</u></p> |
| <p><b>6.3.2</b></p>                                | <p>not adopted</p>  |   |
| <p><del>3-2-2-3</del> <b>6.4.1</b></p>             | <p><del>additional requirement</del><br/>with changes</p> | <p>Where <del>storage containers having an aggregate water capacity of more than 4000 gal (15.1 m<sup>3</sup>)</del> are located in heavily populated or congested areas, the siting provisions of 6.3.1 and Table 6.3.1 shall be permitted to be modified by the <del>fire safety analysis described in 6-25-3 Commission</del>.</p>   |
| <p><del>3-2-2-8</del> <b>6.4.7</b></p>             | <p>additional requirement</p>                             | <p>See Commission rule §9.141(f), Uniform Safety Requirements.</p>  |
| <p><b>6.5.4</b></p>                                | <p>additional requirement</p>                             | <p>See Commission rule §9.101(c)(2), Filings Required for Stationary LP-Gas Installations</p>   |
| <p><del>3-2-4-2</del> <b>6.6.1.2</b></p>           | <p>additional requirement</p>                             | <p>See Commission rule §9.140, Uniform Protection Standards.</p>  |
| <p><del>3-2-4-4</del> <b>6.6.1.4</b></p>           | <p>additional requirement</p>                             | <p>See Commission rule §9.141(a), Uniform Safety Requirements.</p>  |
| <p><del>3-2-5</del> <b>6.6.2.1</b></p>             | <p>with changes</p>                                       | <p>Cylinders shall be installed only aboveground, and shall be set upon a firm foundation of <u>concrete, masonry, or metal and <del>er</del> be otherwise firmly secured against displacement</u>. The cylinder shall not be in contact with the soil.</p>   |
| <p><b>6.6.3.1</b></p>                              | <p>with changes</p>                                       | <p>Horizontal ASME containers designed for permanent installation in stationary service above ground 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></p>  |
| <p><del>3-2-9-4</del> <b>6.6.6.1 (a) - (d)</b></p> | <p>additional requirement</p>                             | <p>See Commission rule §9.140(d), Uniform Protection Standards.</p>   |
| <p><del>3-2-9-2(e)</del> <b>6.6.6.2(6)</b></p>     | <p>additional requirement</p>                             | <p>See Commission rule §9.140, Uniform Protection Standards.</p>  |

|                                     |                        |  |
|-------------------------------------|------------------------|--|
| <del>3.2.12.1</del> <b>6.8.2(B)</b> | with changes           | Single-stage regulators shall not be installed in fixed piping systems on or after <u>February 1, 2001</u> <del>June 30, 1997</del> , except for installations covered in 6.8.2(C). <u>Single-stage regulators in good working order installed prior to February 1, 2001, may remain in service.</u> |
| <del>3.2.17</del> <b>6.9.6.1</b>    | additional requirement | See Commission rule §9.143, Bulkhead, Internal Valve, and ESV Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.   |
| <b>6.9.6.2</b>                      | with changes           | Flexible metallic connectors shall not exceed 60 in. (1.52 m) in overall length when used with liquid or vapor piping on stationary containers. <del>of 2000 gal (7.6 m<sup>3</sup>) water capacity or less.</del>   |
| <del>3.2.18.1</del> <b>6.11.1</b>   | with changes           | The requirements of 6.11.2 through 6.11.5 shall be required for internal valves in liquid <u>and/or vapor</u> service installed on containers over 4000-gal (15.2-m <sup>3</sup> ) water capacity by July 1, 2003.   |
| <b>6.11.2</b>                       | with changes           | Internal valves shall be installed in accordance with 5.7.4.2 with <u>changes and Table 5.7.4.2</u> on containers over 4000 gal (15.2 m <sup>3</sup> ) water capacity.   |
| <del>3.2.18.2</del> <b>6.11.3</b>   | with changes           | Automatic shutdown of internal valves in liquid <u>and/or vapor</u> service shall be provided using thermal (fire) actuation. The thermal sensing element of the internal valve shall be within 5 ft (1.5 m) of the internal valve.  |
| <del>3.2.18.3</del> <b>6.11.4</b>   | with changes           | At least one remote shutdown station for internal valves in liquid <u>and/or vapor</u> service shall be installed not less than 25 ft (7.6 m) or more than 100 ft (30 m) from the liquid transfer point. This shall be retroactive to all internal valves required by the code.                      |
| <b>6.11.5</b>                       | not adopted            | See Commission rule §9.140 (g), Uniform Protection Standards, Table 1  |
| <del>3.2.19.1</del> <b>6.12</b>     | not adopted            | See Commission rule §9.143, Bulkhead, Internal Valve, and ESV Protection for Stationary LP-Gas Installations with Individual or Aggregate Water Capacities of 4,001 Gallons or More.   |
| <del>3.2.24</del> <b>6.16.2</b>     | not adopted            |  |
| <b>6.18.1</b>                       | not adopted            | See Commission rule §9.113.  |

|   |                                |  |
|---|--------------------------------|--|
| <p><del>3-3-6-1</del> <b>6.18.4.2</b></p>       | <p>additional requirements</p> | <p>See Commission rule §9.140 (b) and (d), Uniform Protection Standards.</p>   |
| <p><del>3-4-2-1</del> <b>6.19.2.1</b></p>       | <p>with changes</p>            | <p>Cylinders shall be in accordance with the following requirements:</p> <p>(1) - (4) (No change.)</p> <p>(5) Cylinders with <u>LP-gas propane</u> capacities greater than <u>4.2 lb (1.9 kg)</u> <del>2-lb (0.9-kg)</del> shall be equipped as provided in Table 5.7.4.1, and an excess-flow valve shall be provided for vapor service when used indoors.</p> <p>(6) (No change.)</p> <p>(7) Cylinders having <u>LP-gas water</u> capacities greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> and connected for use shall stand on a firm and substantially level surface.</p> <p>(8 – 9 No change)</p> |
| <p><del>3-4-2-4</del> <b>6.19.3.2</b></p>       | <p>additional requirement</p>  | <p>See Commission rule §9.140(b), Uniform Protection Standards.</p>  |
| <p><del>3-4-2-7</del> <b>6.19.3.6</b></p>       | <p>with changes</p>            | <p>Transportation (movement) of cylinders having <u>LP-gas water</u> capacities greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> within a building shall be restricted to movement directly associated with the uses covered by section 6.19.</p> <p>(<del>8</del> A) Valve outlets on cylinders having <u>LP-gas water</u> capacities greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> shall be tightly plugged, capped, or sealed with a listed quick-closing coupling or a listed quick-connect coupling.</p> <p>(<del>8</del> B-C) (No change.)</p>                                    |
| <p><del>3-4-4-1(b)</del> <b>6.19.5.1(2)</b></p> | <p>with changes</p>            | <p>Cylinders having an <u>LP-gas a water</u> capacity greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> shall not be left unattended.</p>   |
| <p><b>6.19.5.2</b></p>                          | <p>with changes</p>            | <p>During the hours the building is not open to the public, cylinders used and transported within the building for repair or minor renovation and with an <u>LP-gas water</u> capacity greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> shall not be left unattended.</p>  |
| <p><del>3-4-8-3</del> <b>6.19.9.3</b></p>       | <p>not adopted</p>             | <p>See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.</p>   |
| <p><del>3-4-8-4</del> <b>6.19.9.4</b></p>       | <p>not adopted</p>             | <p>See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.</p>   |
| <p><del>3-4-9-2</del> <b>6.19.11.2</b></p>      | <p>with changes</p>            | <p>Cylinders having <u>LP-gas water</u> capacities greater than <u>4.2 lb (1.9 kg)</u> <del>2.7-lb (1.2-kg)</del> <del>[nominal 1-lb (0.5-kg)]</del> LP-</p>   |

|                                      |                         |   |
|--------------------------------------|-------------------------|---|
|                                      |                         | Gas capacity shall not be located on decks or balconies of dwellings of two or more living units above the first floor unless they are served by exterior stairways.  |
| <b>6.20.2.1</b>                      | with changes            | Patio heaters utilizing an integral LP-Gas container greater than <u>4.2 lb (1.9 kg)</u> <del>4-08-lb (0-49-kg)</del> propane capacity shall comply with 6.20.2.2 and 6.20.2.3.   |
| <del>3.7.2.2</del> <b>6.22.2.4</b>   | with changes            | The provision of 6.22.2.2 shall not apply to fixed electrical equipment at residential <del>or-commercial</del> installations of LP-Gas systems or to systems covered by Section 6.23.                                    |
| <b>6.24.3.7</b>                      | additional requirements | See Commission rule §9.140(b), Uniform Protection Requirements  |
| <b>6.24.3.8</b>                      | 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:<br><br>(1) – (2) (No change) |
| <del>3.9.3.8</del> <b>6.24.3.12</b>  | additional requirement  | See Commission rule §9.140(d), Uniform Protection Standards.  |
| <b>6.24.3.13</b>                     | with changes            | A listed quick-acting shutoff valve or a <u>listed quarter turn ball valve with a locking handle</u> shall be installed at the discharge end of the transfer hose.  |
| <del>3.9.3.10</del> <b>6.24.3.14</b> | additional requirements | See Commission rule §9.140, Uniform Protection Standards, Table 1.  |
| <b>6.24.4.2</b>                      | additional requirements | See Commission rule §9.141(b), Uniform Safety Requirements  |
| <del>3.10.2.1</del> <b>6.25.2.1</b>  | additional requirement  | <del>See Commission rule §9.35, Written Procedure for LP-Gas Leaks.</del>   |
| <del>3.10.2.2</del> <b>6.25.3</b>    | not adopted             | Commission rules require all redundant safety features.   |
| <b>6.26</b>                          | with changes            | Alternate Provisions for Installation of <u>Underground and Mounded</u> ASME Containers.  |
| <del>4.2.3.8</del> <b>7.2.3.8</b>    | additional requirement  | See Commission rule §9.140 (b), Uniform Protection Standards.   |

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| 4.4.3.1 7.4.2.1    | additional requirement | See Commission rule §9.136, Filling of DOT Containers.   |
| 4.4.3.2 7.4.3.1    | with changes           | <p>The volumetric method shall be limited to the following containers, where they are designed and equipped for filling by volume:</p> <p>(1) <del>Cylinders of less than 200-lb (91-kg) water capacity that are not subject to DOT jurisdiction</del></p> <p>(1) <del>(2) Cylinders of 101 lb LP-gas capacity 200-lb (91-kg) water capacity or more</del></p> <p>(2) <del>(3) Cargo tanks or portable tanks containers complying with DOT specifications MC-330, MC-331, or DOT 54</del></p> <p>(3) <del>(4) ASME and API-ASME containers complying with 5.2.1.1 or 5.2.4.2</del></p> |
| 5.2.1.1 8.2.1.1    | additional requirement | See Commission rule §9.140(b), Uniform Protection Standards.   |
| 8.3.1              | not adopted            |  |
| Table 8.3.1(a)     | not adopted            |  |
| Table 8.3.1(b)     | with changes           | <p>Heading: Maximum Allowable Storage Quantities of LP-Gas in Mercantile, Industrial, and Storage Occupancies</p> <p>Column 2 (Mercantile) Not Adopted</p>   |
| 5.3.1 8.3.2        | not adopted            | See Commission rule §9.1(e), Application of Rules, Severability, and Retroactivity.  |
| 5.4.2.1 8.4.2.1    | additional requirement | See Commission rule §9.140(b) and (d), Uniform Protection Standards.   |
| 5.4.2.2 8.4.2.2    | not adopted            | See Commission rule §9.140(d), Uniform Protection Standards.   |
| 5.4.3 8.4.3        | not adopted            | See Commission rule §9.27, Application for an Exception to a Safety Rule.  |
| 6.3.6 9.4.6.2      | Additional requirement | See Commission rule §9.211, Markings   |
| 6.5.2.1 9.6.2.2(2) | with changes           | Valves and fittings shall be protected by a method approved by the authority having jurisdiction to minimize the possibility of damage.  |

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| 8.1.3 11.2         | additional requirements | See Commission rules §9.10, General Requirements for Training and Continuing Education, and §9.51, Training and Continuing Education Courses.   |
| 11.3.4             | Not adopted             | See Commission rule §9.129, Manufacturer's Nameplate and Markings on ASME Containers  |
| 8.2.3(f) 11.4.1.15 | with changes            | <del>Where an overfilling prevention device is installed on an engine fuel container, venting of gas through a fixed maximum liquid level gauge during normal filling shall not be required provided: 1. The OPD is verified by the owner of the vehicle to be working properly; 2. The verification of the valve is documented yearly and clearly marked on the container in a visible location; and 3. The OPD is replaced every two years, documentation is kept by the owner of the vehicle, and the container is marked in a visible location verifying its replacement.</del>                                     |
| 8.2.6.6 11.7.4.1   | with changes            | Fuel containers shall be installed to prevent their jarring loose and slipping or rotating, and the fastenings shall be designed and constructed to withstand without permanent deformation static loading in any direction equal to four times the weight of the container filled with fuel. <u>This shall not prohibit the use of specific mounting brackets designed and manufactured by a container manufacturer, original vehicle manufacturer, or the authorized representative of either. Each specific mounting bracket shall be marked in a visible location, to indicate the manufacturer of the bracket.</u> |
| 8.2.10 11.11.2.2   | with changes            | The marking shall consist of a border and the word PROPANE [1 in. (25 mm) minimum height centered in the diamond] in silver or white reflective luminous material on a black or Pantone 2945 C Royal Blue or equivalent background.   |
| Chapter 40 13      | not adopted             | Commission authority does not extend to marine shipping and receiving activities.   |
| 14.1               | with changes            | Scope. This chapter includes requirements related to the operations and maintenance of <del>bulk plant, industrial plant, refrigerated, marine, and pipeline</del> LP-Gas systems. The provisions of this chapter shall be applicable to all new and existing installations.  |
| 14.4.3.3           | Additional requirement  | See Commission rules §9.36, Report of LP-Gas Incident/Accident.   |
| 14.4.9.1           | Additional requirement  | See Commission rules §9.35, Written Procedure for LP-Gas Leaks.   |

(b) If a section in NFPA 58 refers to another section in NFPA 58 which the Commission has not adopted, or which the Commission has adopted with additional or alternative language, then persons shall comply with the applicable Commission rule.

*The provisions of this §9.403 adopted to be effective February 1, 2001, 26 TexReg 947; amended to be effective September 10, 2001, 26 TexReg 6883; amended to be effective September 29, 2003, 28 TexReg 8318; amended to be effective September 1, 2005, 30 TexReg 4810; amended to be effective February 1, 2008, 33 TexReg 122.*