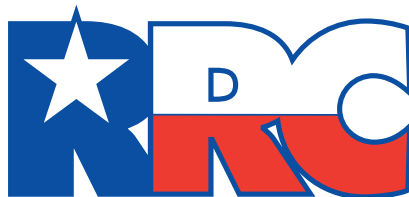


TEXAS LP-GAS EXAMINATION STUDY GUIDE

Category M
Recreational Vehicle
Management Level



RAILROAD COMMISSION OF TEXAS

April 2013

NOTICE

This publication is intended for use in its entirety as a guide for persons preparing to take Railroad Commission LP-gas qualifying examinations. Any other use or distribution of this publication or use or distribution of any portion of this publication for any purpose whatsoever is considered by the Railroad Commission of Texas to be misuse of this publication.

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Exam administration

Taking an examination in Austin

You may take any LP-gas qualifying examination in Austin without pre-registering (“walk-in”) on any business day, excluding holidays, from 8:00 a.m. to 12:00 noon at the AFRED Training Center. The Training Center is located at 6506 Bolm Road, at the intersection of U.S. Highway 183. (See map to Training Center on page 19.)

Tuesdays and Thursdays are the preferred days for walk-in examinations.

Taking an examination outside of Austin

You may also take any Railroad Commission qualifying examination at more than two dozen other locations statewide. Exam dates, times and locations are listed three months in advance on the Commission’s web site. To view a complete schedule, go to www.rrc.state.tx.us. From the drop-down menu under “Education and Training,” choose “Training Classes & Qualifying Exams” and click on “Class/Exam Schedule.” The online schedule has links to maps showing each class and exam location.

You must register at least two business days in advance to take an examination outside of Austin. To register online, go to www.rrc.state.tx.us. From the drop-down menu under “Education and Training,” choose “Training Classes & Qualifying Exams” and click on “Register Now.” The web site allows you to register up to four people for an examination, a training class, or both.

When you register online, you will receive a return e-mail confirming the registration and the dates and locations of the exams. You will also receive advance notification of any changes in the examination date, time or location.

Payment for exams; LPG Form 16; ID required

The fee is \$40.00 for each employee-level exam and \$70.00 for each management-level exam. Fees are non-refundable by state law, and cash cannot be accepted.

You may pay the required examination fee at any exam location by check or money order payable to the Railroad Commission of Texas. LPG Form 16, “Application for Examination,” may also be completed at the examination site. Examinees must also present an official state-issued driver’s license or photo ID at the exam site.

You may also pay your examination fee by credit card in advance online. To pay by credit card, go to www.rrc.state.tx.us. From the drop-down menu under “Education and Training,” choose “Training Classes & Qualifying Exams” and click on “Pay Online.” Be sure to print out the confirmation page in Step 6. Make a copy of the confirmation page for your records and bring a copy with you to the examination site.

Closed-book examinations

All Railroad Commission management-level qualifying examinations are closed book. This study guide may not be used during any management-level examination.

Examinees should prepare for the Category M Recreational Vehicle management-level examination by studying the applicable sections of the Railroad Commission’s *LP-Gas Safety Rules* (16 Texas Administrative Code, Chapter 9); and National Fire Protection Association 1192, *Standard On Recreational Vehicles* (2005 edition).

Examination time limit

The Recreational Vehicle examination must be completed within two hours after the examination is given to you, including any breaks you elect to take. The examination proctor is the official timekeeper. You must submit your examination and your answer sheet to the proctor within the two-hour limit.

Grades, reports and retakes

The minimum passing grade is 75 percent on all LP-gas examinations. All examinations administered at the Training Center in Austin are graded on-site, and examinees are immediately informed of the results. If you fail an examination that you took in Austin, you may retake that same examination only one additional time during a business day. Any subsequent examination must be taken on another business day, unless approved by the Commission.

Exams taken at a remote site are graded as soon as possible, and the results of the examination are reported within 10 working days. If you pass an examination, the Railroad Commission will issue you a blue certification card within 10 working days. You will be notified by letter if you fail an examination.

Required first-year training class

Applicants for a Category M management-level certification must complete one of the eight-hour courses listed below before the Commission issues the certification.

- 1.1 Introduction to Propane
- 3.8 Recreational Vehicle Gas Appliances
- 80 Category E Management Course

Contacts

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LP-Gas Operations

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LP-GAS EXAMINATION STUDY GUIDE, CATEGORY M, RECREATIONAL VEHICLE, MANAGEMENT LEVEL

Who should use this guide?

You should use this guide to prepare for the Railroad Commission's management-level qualifying examination to be a company representative or operations supervisor for an active Category M licensee. Activities covered by a management-level Category M certification are the installation of LP-gas motor or mobile fuel containers, including cylinders, and the installation and repair of LP-gas systems on recreational vehicles. The Category M certification does not authorize you to fill LP-gas containers.

What book do I need?

This examination tests your knowledge of the laws and standards that apply to recreational vehicle operations in Texas.

These laws and standards are found in two books:

The *LP-Gas Safety Rules* (Texas Railroad Commission)
NFPA 1192, *Standard on Recreational Vehicles* (2005)

Where do I get the book?

You may download the current edition of the Railroad Commission's LP-Gas Safety Rules free online at www.rrc.state.tx.us. From the drop-down menu under "Education and Training" at the top of the page, select "Training Classes and Qualifying Exams" and scroll down to "LPG Safety Rules (PDF)." You may also buy a printed copy of the book for \$10.00, tax included, by calling the Railroad Commission's publications office at (512) 463-7309.

Printed copies of NFPA 1192 are available for purchase from the Texas Propane Gas Association by calling (800) 392-0023. You may also order NFPA manuals online at www.nfpa.org; click on "Codes and Standards."

Sections and topics

Before you take this examination you should know the definitions on pages 7-8 of this study guide and the contents of the sections of the codes and standards listed below. The actual examination questions may not include all of the listed sections and topics.

NFPA 1192 (2005)

§5.2	Propane Systems
§5.3	Propane Piping Systems
§5.4	Fuel–Burning Appliances
§5.5	Venting, Ventilation and Combustion Air
§5.6	Marking Appliances (Installation and Operational Features)
§6.4	Other Considerations

LP-GAS SAFETY RULES

§9.6	Licenses and Fees
§9.7	Application for License and License Renewal Requirements
§9.8	Application for a New Certificate
§9.9	Requirements for Certificate Renewal
§9.10	Rules Examination
§9.11	Previously Certified Individuals
§9.12	Trainees
§9.17	Designation and Responsibilities of Company Representatives and Operations Supervisors
§9.18	Reciprocal Examination Agreements with Other States
§9.36	Report of LP-Gas Incident/ Accident

Terms and definitions

NOTE: This list is not exhaustive. You are responsible for knowing all the rules or standards that apply to the LP-gas activities you will perform, as well as the rules and standards highlighted in this guide.

As a company representative or operations supervisor for an active Category M licensee , you need to know the terms, definitions, facts, rules and procedures relating to propane's physical characteristics and the propane containers, systems, appliances and venting used in recreational vehicles.

NFPA 1192 (2005)

NOTE: Informal terms that are sometimes used in the propane industry instead of formal technical terms are given in brackets.

Accessible. Having access to, but which first may require the removal of, a panel, door or similar covering of the item described.

NFPA 1192, §3.3.1

Axle Height. The distance to the lower connection of the axle spindle assembly and the outboard end of the lower control arm (lever ball joint or kingpin), excluding shock mounting, grease fitting, or similar component.

NFPA 1192, §3.3.6

Compartment. An enclosed volumetric space designed to provide for a separate area.

NFPA 1192, §3.3.13

Cylinder. A portable container constructed in accordance with U.S. Department of Transportation *Specifications for LP-Gas Containers* (49 CFR).

NFPA 1192, §3.3.45.1

Dry Weight. The weight of the completed finished vehicle when factory-equipped, without fluids.

NFPA 1192, §3.3.23

Frame. Chassis rail and any addition thereto of equal or greater strength.

NFPA 1192, §3.3.29

Fuel System. Any arrangement of pipe, tubing, fittings, connectors, tanks, controls, valves and devices designed and intended to supply or control the flow of fuel.

NFPA 1192, §3.3.30

Heat Appliance. An appliance for comfort heating for a recreational vehicle or for water heating.

NFPA 1192, §3.3.4.1

Heat-Producing Appliance. An appliance that produces heat by utilizing electric energy or by burning fuel.

NFPA 1192, §3.3.4.2

Propane (Liquefied Petroleum Gas, LP-Gas, LPG). Any material having a vapor pressure not exceeding that allowed from commercial propane composed predominantly of the following hydrocarbons, either by themselves or as mixtures: propane, propylene, butane (normal butane or isobutane), and butylene.

NFPA 1192, §3.3.44

Propane Supply Connector. Tubing or pipe connections the recreational vehicle to the propane supply source.

NFPA 1192, §3.3.47

Readily Accessible. Able to be located, reached, serviced or removed without removing other components or parts of the apparatus and without the need to use special tools to open enclosures.

NFPA 1192, §3.3.48

Recreational vehicle (RV). 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.

NFPA 1192, §3.3.50

Tank. A container constructed in accordance with the Section VIII, “Rules for the Construction of Unfired Pressure Vessels” of the *Boiler and Pressure Vessel Code*.

NFPA 1192, §3.3.45.2

Key topics

NOTE: The list below is not exhaustive. You are responsible for knowing all the facts, rules, standards and procedures that apply to the LP-gas activities you will perform, as well as the rules and standards highlighted in this guide.

As you study the applicable codes and standards, pay special attention to the facts, rules and procedures related to the following key topics. Then, when you take the examination, read each question very carefully.

1. Containers: Capacity, Construction, Location and Installation

Where propane utilization equipment is installed by the recreational vehicle manufacturer, the recreational vehicle must be provided with one of the following:

- (1) One but not more than three cylinders having individual water capacities of 105 lb. maximum (approximately 45 lb. propane capacity).
- (2) One or more tanks having a maximum aggregate water capacity of 200 gallons.

NFPA 1192, §5.2.1

Cylinders must be constructed and marked in accordance with the specifications for propane cylinders of the U.S. Department of Transportation (DOT).

NFPA 1192, §5.2.2.1

Tanks utilizing vapor withdrawal must be constructed and marked in accordance with the *Rules for Construction of Pressure Vessels*, Section VIII, Division I, ASME Boiler and Pressure Vessel Code, and must have design gauge pressure of at least 312 psi.

NFPA 1192, §5.2.2.2

New propane containers that have never contained propane and are supplied as original equipment may be transported inside the vehicle.

NFPA 1192, §5.2.3.2

Under no circumstances may an LP-gas container be installed in front of the front axle of a recreational vehicle.

NFPA 1192, §5.2.3.3(3)(a)

Tanks mounted behind the rear axle of a travel trailer or fifth wheel trailer must be installed so that the bottom of the tank and any connection thereto is not lower than either the rear axle(s) height or the lowest section of the frame to the rear of the tank, whichever is higher.

NFPA 1192, §5.2.3.3 (4)(a)

Containers must not be mounted on the exterior of the rear wall or the rear bumper of a recreational vehicle.

NFPA 1192, §5.2.3.4

When the recreational vehicle is supplied with cylinders not secured in place, the recreational vehicle manufacturer must provide mounting instructions and required materials with the vehicle.

NFPA 1192, §5.2.4.2

Propane containers located less than 18 inches from the exhaust system, the transmission, or a heat-producing component of the internal combustion engine must be shielded by a vehicle frame member or by a noncombustible baffle, with an air space on both sides of the frame member or baffle.

NFPA 1192, §5.2.5

Containers must be equipped with a listed overfilling prevention device.

NFPA 1192, §5.2.13.1

Cylinders must be equipped with a CGA 791 (Type 1, 1 5/16 inch Acme) outlet as described in CGA V-1.

NFPA 1192, §5.2.13.2

LP-gas containers must be located so that the discharge from the pressure relief valve is not less than 3 feet measured horizontally along the surface of vehicle from any opening into the recreational vehicle, fuel-burning appliance intake and exhaust vents, and all internal combustion engine exhaust terminations located below the level of the discharge.

NFPA 1192, §5.2.19.1

SAMPLE QUESTION

Under no circumstances may an LP-gas container be installed in front of the _____ of a recreational vehicle.

- A. Front axle
- B. Engine
- C. Driver's compartment
- D. Front bumper

Answer: A

2. Propane Systems

Any recreational vehicle compartment containing propane containers must be vented at or near the top and at the extreme bottom to facilitate diffusion of vapors.

NFPA 1192, §5.2.6.1

The compartment containing propane containers must be ventilated with at least two vents, each of which has a total free area equal to at least 1/2 square inch for each 7 lb. of the total propane fuel capacity of the maximum number of the largest cylinders the compartment can hold.

NFPA 1192, §5.2.6.2

LP-gas cylinders are required to be secured against working loose during transit; hoods or housings covering cylinder valves must not be equipped with locks or require special tools to open.

NFPA 1192, §5.2.7.2

Propane containers must not be installed in compartments or under hoods or housing that contain flame-or spark-producing equipment.

NFPA 1192, §5.2.9

The manual control of the LP-gas tank's shutoff valve, the fill connection, and the fixed maximum liquid level outage gauge of a permanently mounted LP-gas tank must be located no more than 18 inches from the vehicle's outside wall.

NFPA 1192, §5.2.10.2

The LP-gas regulator(s) must have a capacity of not less than the total input of all propane appliances installed in the recreational vehicle.

NFPA 1192, §5.2.15.3

The LP-gas regulator(s) must be installed with the pressure relief vent opening pointing downward within 45 degrees of vertical to vertical to allow for drainage of any moisture collected on the diaphragm of the regulator.

NFPA 1192, §5.2.15.4

A regulator installed below floor level must be installed in a compartment that provides protection against the weather and wheel spray.

NFPA 1192, §5.2.15.5

Cylinders must have a manual shutoff valve for vapor service that does not allow propane to flow until a positive seal is achieved between that valve and its mating connection.

NFPA 1192, §5.2.16.2

In multiple-cylinder systems, a backflow check valve must be provided anywhere from the cylinder outlet to the automatic changeover regulator inlet.

NFPA 1192, §5.2.16.3

The pipeaway (piping) system connections must be mechanically fastened and must not depend on adhesives or sealing compounds.

NFPA 1192, §5.2.19.3 (L)

Vapor, at a pressure not over 14 inches water column, must be delivered from the system into the propane appliance supply connection.

NFPA 1192, §5.2.21.1

The appliance must be listed for recreational vehicle use at the specified operating pressure.

NFPA 1192, §5.2.21.5

SAMPLE QUESTION

Vapor, at a pressure not over _____ inches water column, must be delivered from the system into the propane appliance supply connection.

- A. 10
- B. 12
- C. 13
- D. 14

Answer: D

3. Propane Piping Systems

Piping materials for the installation, extension, alteration, or repair of LP-gas piping system in a recreational vehicle must be new and free from defects or internal obstructions.

NFPA 1192, §5.3.2.1

Brass flare nuts must be stress relieved or of the forged type.

NFPA 1192, §5.3.2.5(6)

Where tubing passes through walls, floors, partitions or roofs, or similar installations, such tubing must be protected by the use of weather-resistant grommets that must fit snugly both the tubing and the hole through which the tubing passes.

NFPA 1192, §5.3.2.8.2

A recreational vehicle's LP-gas piping system must be sized so that the pressure drop to any appliance inlet connection from the LP-gas supply connection or connections, when all appliances are in operation at maximum capacity, is not more than 0.5 inches water column.

NFPA 1192, §5.3.4.1

Threaded joints must be made up tight with approved pipe joint material that is insoluble in propane.

NFPA 1192, §5.3.7.1

Threaded pipe joint material must be applied to only male threads.

NFPA 1192, §5.3.7.2

Pipe or tubing joints must not be located in any floor, wall, partition, or concealed construction space.

NFPA 1192, §5.3.9.1

All recreational vehicle LP-gas piping must be supported at intervals of not more than 4 feet, except where adequate support and protection is provided by structural members.

NFPA 1192, §5.3.18.1

After appliances are connected to the system, the entire piping system must be proven by test to be leak-free by maintaining an air pressure of not less than 10 inches water column or more than 14 inches water column.

NFPA 1192, §5.3.20.1

An air pressure test must be measured over a period of 3 minutes with a manometer or with a pressure-sensing device designed to indicate a pressure loss due to leakage during the pressure test period.

NFPA 1192, §5.3.20.6 (1)(c)

Before the testing of the low-pressure system for propane leaks after appliances are connected, the temperature of both the air and piping must be approximately the same, and a uniform temperature must be maintained throughout the test period.

NFPA 1192, §5.3.20.2

SAMPLE QUESTION

All recreational vehicle LP-gas piping must be supported at intervals of not more than _____ feet, except where adequate support and protection is provided by structural members.

- A. 3
- B. 4
- C. 5
- D. 6

Answer: B

4. Fuel-Burning Appliances

Propane appliances must be listed for use with propane only or for use with both natural gas and propane where convertible from natural gas to propane and vice versa.

NFPA 1192, §5.4.3

All fuel-burning appliances, except ranges and ovens, must be designed and installed to provide for complete separation of the combustion system from a recreational vehicle's interior atmosphere.

NFPA 1192, §5.4.6.1

Fuel-burning appliances must not be converted from one fuel to another unless in accordance with the terms of its listing and the appliance manufacturer's instructions.

NFPA 1192, §5.4.4

The installation of each fuel-burning appliance must conform to the terms of its listing and the appliance manufacturer's instructions.

NFPA 1192, §5.4.5.1

Floor-mounted fuel-burning appliances must not be installed on carpeting unless the appliance is listed for such installation.

NFPA 1192, §5.4.5.2

Every fuel-burning appliance must be mounted in place to avoid displacement.

NFPA 1192, §5.4.5.3

SAMPLE QUESTION

All fuel-burning appliances, except _____, must be designed and installed to provide for complete separation of the combustion system from a recreational vehicle's interior atmosphere.

- A. Floor-mounted appliances
- B. Ranges
- C. Ovens
- D. Both B and C

Answer: D

5. Siting, Ventilation and Combustion Air

In a recreational vehicle, venting and combustion air systems must be installed in accordance with the following:

- (1) Components must be assembled and properly aligned using the methods shown in the appliance manufacturer's instructions.
- (2) Vent connectors must be firmly attached to the flue collars by sheet metal screws, their equivalent, or as specified in the manufacturer's instructions.
- (3) Every joint of a vent, vent connector, exhaust duct and combustion air intake must be secured and in alignment.

NFPA 1192, §5.5.1

Flue gas outlets from fuel-burning heating appliances must not be less than 3 feet from any motor-driven air intake discharging into habitable areas of a recreational vehicle.

NFPA 1192, §5.5.2.1

Flue gas outlets must not terminate under a recreational vehicle.

NFPA 1192, §5.5.2.2

Any portion of a combustion air inlet or flue gas outlet of a fuel-burning heating appliance must be located at least 3 feet from any gasoline filler spout on the vehicle if the inlet or outlet is located above or at the same level.

NFPA 1192, §5.5.3.1

The space where any fuel-burning cooking appliance is located must be ventilated by a gravity or mechanical vent extending through the roof to the outside.

NFPA 1192, §5.5.4.1

SAMPLE QUESTION

In a recreational vehicle, venting and combustion air systems must be installed in accordance with which of the following?

- A. Components must be assembled and properly aligned as shown in the manufacturer's instructions.
- B. Vent connectors must be firmly attached to the flue collars by sheet metal screws or as specified in the manufacturer's instructions.
- C. Every joint of a vent, vent connector, exhaust duct and combustion air intake must be secured and in alignment.
- D. All of the above

Answer: D

6. Appliance Markings (Installation and Operational Features)

Information on clearance, input rating, lighting, and shutdown must be attached to the appliance.

NFPA 1192, §5.6.1.1

Each fuel-burning appliance must bear the appliance manufacturer's permanent marking designating the type(s) of fuel for which it is listed.

NFPA 1192, §5.6.2.1

Every appliance must be accessible for inspection, service, repair and replacement.

NFPA 1192, §5.6.3.1

All propane clothes dryers must be exhausted to the outside by a moisture-lint exhaust duct and termination fitting.

NFPA 1192, §5.6.7.1

Fuel-burning clothes dryers must receive their combustion air and drying air from outside the vehicle and must exhaust the combustion products and drying air from inside the vehicle.

NFPA 1192, §5.6.7.4

Each recreational vehicle must be provided with an owner's manual that must contain as a minimum the information contained in 5.9.1.2(A) through 5.9.1.2(G).

NFPA 1192, §5.9.1.2

SAMPLE QUESTION

Information on clearance, input rating, lighting, and shutdown of appliances must be attached to the driver's side dash panel on any recreational vehicle. NFPA 1192, §5.6.1.1

- A. True
- B. False

Answer: B

6. Fire and Life Safety Provisions

All recreational vehicles equipped with a propane appliance and electrical system must be equipped with a listed propane detector listed as suitable for use in recreational vehicles under the requirements of UL 1484 and installed according to the terms of its listing.

NFPA 1192, §6.4.8

GENERAL REQUIREMENTS—ADMINISTRATIVE

LP-GAS SAFETY RULES

Recordkeeping and Enforcement

An LP-gas licensee or registrant must retain records of pressure tests and leakage tests for at least five years.

An LP-gas licensee or registrant must retain a copy of all customer records for at least five years.

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.

LP-Gas Safety Rules, §9.4(a)(1), (a)(3), (c)

Application for License; License Renewal

No person, except a trainee as defined in the LP-Gas Safety Rules, may perform work, directly supervise LP-gas activities, or be employed in any capacity requiring contact until he or she has passed an applicable rules examination.

LP-gas licenses expire one year after issuance at midnight on the last day of the month prior to the month in which they are issued.

If a person's license expires, that person must immediately cease performance of any LP-gas activities authorized by the license.

LP-Gas Safety Rules, §9.7(a), (e), (h)

Application for a New Certificate

An applicant for a new certificate must:

(1) file a properly completed LPG Form 16 and the applicable nonrefundable rules examination fee;

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

(b) An individual who holds an employee-level certificate who wishes to obtain a management-level certificate must comply with the requirements of the LP-Gas Safety Rules.

LP-Gas Safety Rules, §9.8(a)

Certificate Renewal

Certificate holders must 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 must pay only one annual renewal fee.

Failure to pay the nonrefundable annual renewal fee by the deadline will result in a lapsed certification.

To renew a lapsed certification, the individual must pay the nonrefundable \$35 annual renewal fee plus a nonrefundable \$20 late-filing fee.

If a person's certification expires, that person must 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 must comply with the requirements for a new certificate.

LP-Gas Safety Rules, §9.9(c) (1)

Rules Examination

Failure of any LP-gas qualifying examination immediately disqualifies the examinee from performing any LP-gas related activities covered by the failed examination, except activities that are covered by a separate examination the individual has passed.

LP-Gas Safety Rules, §9.10(d)

Trainees

A licensee 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.

A trainee must 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.

LP-Gas Safety Rules, §9.12(a)

Designation and Responsibilities of Company Representatives and Operations Supervisors

Each licensee must have at least one company representative for the license.

A licensee may have more than one company representative.

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.

A licensee must 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.

LP-Gas Safety Rules, §9.17(a)(2), (a)(3), (a)(5)(A)

Written Procedure for LP-Gas Leaks

Each licensee must maintain a written procedure to be followed when any employee receives notification of a possible leak.

LP-Gas Safety Rules, §9.35(a)

The written procedures must include the classification of the leak grade.

LP-Gas Safety Rules, §9.35(b)

An example of a Grade 1 LP-gas leak is any leak that can be seen, heard or felt, any leak that is in a location that may endanger the general public or property, or any indication of gas which has migrated into or under a building.

LP-Gas Safety Rules, §9.35(c), Table 1

Report of LP-Gas Incident/Accident

At the earliest practical moment or within two hours following discovery, a licensee owning, operating, or servicing the equipment of an installation must notify the Railroad Commission by telephone of any accident involving an LP-gas installation.

LP-Gas Safety Rules, §9.36(a)

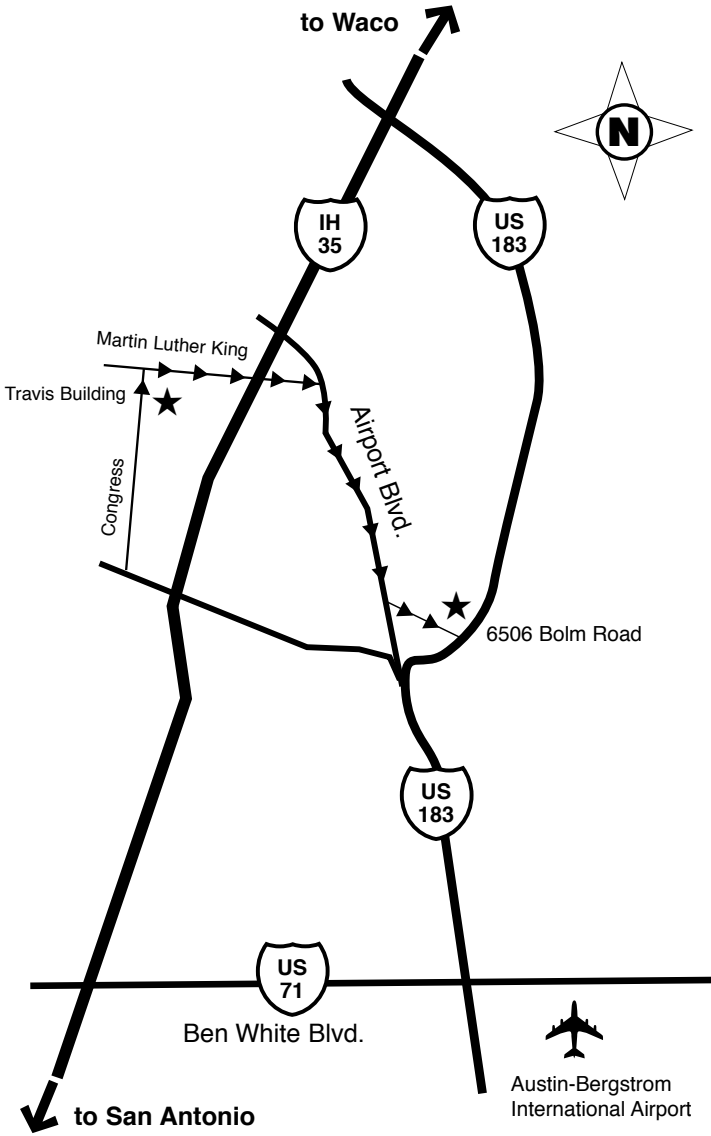
SAMPLE QUESTION

If a person's LP-gas license is not renewed by the annual renewal deadline, the license _____ and the person must _____ performance of any LP-gas activities authorized by the license.

- A. Is revoked / immediately cease
- B. Expires / immediately cease
- C. Is suspended / substantially cease
- D. Expires / substantially cease

Answer: B

RRC/AFRED TRAINING CENTER 6506 BOLM RD., AUSTIN



DIRECTIONS TO RRC ALTERNATIVE FUELS TRAINING CENTER, AUSTIN

From the Travis Building:

Go one block north to Martin Luther King, Jr. Blvd. Turn right on MLK and go about 2 miles to Airport Blvd. Turn right (south) on Airport and go about 1 1/2 miles. The fifth traffic light, just over the railroad bridge, is Bolm Road. Turn left (east) onto Bolm Road and go about 1 mile. 6506 is the last building on the left before U.S. 183.

Entering Austin on I-35 going south:

Take exit 239/240 for Hwy 183 South/ Austin-Bergstrom International Airport. Stay on 183 past Cameron Road, U.S. 290, Manor Road, Loyola Lane, and Techni-Center Drive. Proceed down the hill on 183 and take the Bolm Road exit. At the light, turn right onto Bolm Road. The Training Center is on the northwest corner of 183 and Bolm Road. Enter through the double glass doors on the south side of the building.

Entering Austin on I-35 going north:

Take exit 230 for Texas Hwy. 71/Ben White Blvd. Turn right toward Bastrop. Stay on 71 for approximately 4.3 miles. Exit onto U.S. 183 North. Stay on 183 past the Colorado River bridge. Stay in the right lane and take the Bolm Road exit. Turn left at the light onto Bolm Road and go under the overpass. The Training Center is on the northwest corner of 183 and Bolm Road. Enter through the double glass doors on the south side of the building.