

**APPLICATION FOR INSTALLER/DRIVER CERTIFICATE**

**LIQUEFIED COMPRESSE GAS DIVISION**  
**P.O. BOX 79**  
**JACKSON, MS 39205-0079**

**DATE** \_\_\_\_\_

<b>APPLICANT</b>			<b>DEALER</b>		
<b>ADDRESS</b>			<b>ADDRESS</b>		
<b>CITY</b>	<b>STATE</b>	<b>ZIP</b>	<b>CITY</b>	<b>STATE</b>	<b>ZIP</b>

LC Gas Inspector Administering Test \_\_\_\_\_

PASSED \_\_\_\_\_                      FAILED \_\_\_\_\_                      SCORE \_\_\_\_\_

**INSTALLER ONLY** \_\_\_\_\_

**DRIVER/INSTALLER** \_\_\_\_\_

**INSTALLER/DRIVER EXAMINATION**

**MATERIALS REQUIRED: NFPA 54 & 58, MISSISSIPPI RULES & REGULATIONS**

**INSTRUCTIONS: USING REFERENCE MATERIALS, ANSWER EACH QUESTION**

1. MS LAW – 75-57-47 (1) - Any installer who shall install, connect, alter, extend, change or repair any liquefied compressed gas system, container or appliance, shall within \_\_\_\_\_ days after completion give notice to the State Liquefied Compressed Gas Board in writing.
  
2. NFPA 58 – 5.2.8.3\*, pg. 18 – The markings specified for ASME containers shall be on a \_\_\_\_\_ attached to the container, located to remain visible after the container is installed.
  
3. MS LAW – 75-57-47(2) – Installers, as defined in this chapter, are hereby authorized to issue \_\_\_\_\_ for use before inspection by the Commissioner of Insurance.
  
4. NFPA 58 – 6.8.3.1., pg. 38 – Horizontal ASME containers designed for permanent installation in stationary service above ground shall be placed on \_\_\_\_\_.

5. NFPA 58 – Table 6.4.1.1, pg. 34 – How far from an important building must the following above ground tank be located:
 

0 – 120 gallons	_____	feet
125 – 250 gallons	_____	feet
251 – 500 gallons	_____	feet
501 – 2000 gallons	_____	feet
  
6. NFPA 58 – Table 6.4.1.1, pg. 34 – Underground tanks less than 125 gallons to 2000 gallons shall be located at least \_\_\_\_ feet away from an important building.
  
7. NFPA 58 – 6.6.3.3., pg. 36 – Combustible materials shall not accumulate or be stored within \_\_\_\_\_ feet of a container.
  
8. NFPA 58 – Table 6.7.2.1-K., pg. 37 – The minimum horizontal separation between LP – Gas containers and aboveground gasoline and diesel fuel tanks are \_\_\_\_ feet.
  
9. NFPA 58 – 6.6.1.6., pg. 37 – Where necessary to prevent flotation due to possible high flood waters around aboveground or mounded containers, or high water table for those underground and partially underground, containers shall be \_\_\_\_\_.
  
10. NFPA 58 – 6.5.3.13., pg. 36 – An aboveground LP-Gas container and any of its parts shall not be located within \_\_\_\_feet of a vertical plane beneath overhead electric power lines that are over 600 volts, nominal.
  
11. NFPA 58 – 6.8.1.2., pg. 37 – LP-Gas containers or systems of which they are a part that are installed within \_\_\_\_\_ feet of public vehicular thoroughfares shall be provided with a means of \_\_\_\_\_.
  
12. NFPA 58 – A6.8.1.4, pg. 37 – Aboveground containers shall be \_\_\_\_\_.
  
13. MS Rules & Regulations 1:1 – When an LP-Gas container is used for motor fuel, farm implements, portable containers or similar service and cannot be serviced due to excessive vapor pressure in the fuel container, vapor pressure may be reduced to facilitate fueling by venting to the \_\_\_\_\_, provided the liquid transfer is located not less than \_\_\_\_\_ feet from the nearest important building and in an open area without undue hazard to any building or surrounding property and there is no open flame or other source of ignition in the area.
  
14. NFPA 58 – 9.6.2.1, pg. 75 – ASME containers of 125 gallons or more water capacity shall contain no more than \_\_\_\_ percent of their water capacity in liquid form during transportation.

15. NFPA 58 – 6.10.2.3, pg. 43 – Single stage regulators shall not be installed on piping systems after \_\_\_\_\_.
16. NFPA 58 – 6.10.1.1.A, pg. 42 – Regulators connected to single container permanent installations shall be installed with one of the following methods:  
(1) \_\_\_\_\_  
(2) \_\_\_\_\_
17. NFPA 58 – 6.10.1.4., pg. 42 – All regulators for outdoor installations shall be designed, installed, or protected so their operation will not be affected from the \_\_\_\_\_.
18. NFPA 58 – 6.10.1.6., pg. 42 – The point of discharge shall also be located not less than \_\_\_\_\_ feet in any direction from any source of ignition, openings into direct-vent (sealed combustion system) appliances, or mechanical ventilation air intakes.
19. NFPA 58 – 6.10.1.5., pg. 42 – Regulator point of discharge from the required pressure relief device on regulated equipment installed outside of buildings or occupiable structures in fixed piping systems shall be located not less than \_\_\_\_\_ feet horizontally away from any building or occupiable structure opening below the level of discharge, and not beneath or inside any building or occupiable structure unless this space is not enclosed for more than \_\_\_\_\_ percent of its perimeter.
20. NFPA 58 – 6.10.1.10., pg. 43 – Single-stage regulators shall be permitted to be used only on \_\_\_\_\_ appliances and \_\_\_\_\_ appliances with input ratings of \_\_\_\_\_ maximum.
21. NFPA 54 – Table 6.3(F), pg. 51 – If 3/8 inch ACR copper is used as a low pressure service line with twin stage or piggy back regulators, what would be the maximum distance you could use with a 40,000 btu load? \_\_\_\_\_ feet.
- \*You must use the total distance from the final stage regulator to the farthest outlet.**
22. NFPA 58 – 5.11.5.3., pg. 27 – Polyamide and polyethylene tubing shall be recommended by the manufacturer for use with \_\_\_\_\_.
23. NFPA 58 - 6.11.1.1. (C)(1), pg. 43, - Polyethylene piping systems shall be limited to vapor service not exceeding \_\_\_\_\_.
24. NFPA 54 – 5.5.1., pg. 17 – The maximum design operating pressure for piping systems located inside buildings shall not exceed \_\_\_\_\_.

25. NFPA 54 – 7.2.1., pg. 59 – Piping installed aboveground shall be securely \_\_\_\_\_ and located where it will be protected from \_\_\_\_\_. Where passing through an exterior wall, the piping shall also be protected from corrosion by \_\_\_\_\_ with an inert material approved for such application. The piping shall be sealed around its circumference at the point of the exterior penetration to prevent the entry of water, insects, and rodents.
26. NFPA 54 – 7.1.7.1., pg. 59 – \_\_\_\_\_ shall be installed outdoors, \_\_\_\_\_ only.
27. NFPA 54 – 7.1.7.3., pg. 59 – An electrically continuous corrosion \_\_\_\_\_ shall be buried with the plastic pipe to facilitate locating. One end shall be brought \_\_\_\_\_ at a building wall or riser.
28. NFPA 54 – 5.6.8.2., pg. 19 – Tubing joints shall be made with \_\_\_\_\_ gas tubing fittings, be brazed with a material having a melting point in excess of \_\_\_\_\_ or be made by press-connect fittings complying with ANSI LC-4.
29. NFPA 54 – 7.1.2.1., pg. 58 – Underground piping systems shall be installed with a minimum of \_\_\_\_\_ of cover.
30. NFPA 54 – 7.1.2.1. (A), pg. 58 – The minimum cover shall be increased to \_\_\_\_\_ if external damage to the pipe or tubing from external forces is likely to result.
31. NFPA 54 – 7.1.2.1. (B), pg. 58 – Where a minimum of 12 inches of cover cannot be provided; the pipe shall be installed in \_\_\_\_\_ or \_\_\_\_\_.
32. NFPA 54 – 7.1.6. (1), pg. 59 – Where the installation of gas piping is underground beneath buildings is unavoidable; the piping shall be encased in an approved \_\_\_\_\_ designed to withstand the imposed loads.
33. NFPA 54 – 7.1.6. (2), pg. 59 – Where the installation of gas piping is underground beneath buildings is unavoidable; a piping/\_\_\_\_\_ listed for installation beneath buildings shall be used.
34. NFPA 58 – 6.11.3.16., pg. 45 – Underground metallic piping, tubing, or both that convey LP-Gas from a gas storage container shall be provided with \_\_\_\_\_ at the building to electrically isolate it from the aboveground portion of the fixed piping system that enters a building.
35. NFPA 54 – 7.2.4\*, pg. 59 – Gas piping inside any building \_\_\_\_\_ be installed in or through a clothes chute, chimney, or gas vent, dumbwaiter, elevator shaft, or air duct, other than \_\_\_\_\_.

36. NFPA 54 – 7.3.2., pg. 60 – Fittings installed in concealed locations shall be limited to the following types:
- (a) \_\_\_\_\_
  - (b) \_\_\_\_\_
  - (c) \_\_\_\_\_
  - (d) \_\_\_\_\_
37. NFPA 54 – 7.3.4(1)., pg. 60 – \_\_\_\_\_ not less than 0.0508 inches thick, or equivalent, is installed between the tubing and the finished wall and extends at least \_\_\_\_\_ beyond concealed penetrations of plates, fire stops, wall studs, and so on.
38. NFPA 54 – 7.13.1., pg. 62 – Each aboveground portion of a gas piping system other than CSST that is likely to become energized shall be electrically continuous and \_\_\_\_\_ to an effective ground-fault current path.
39. NFPA 54 – 7.13.2\*, pg. 62 – CSST gas piping systems shall be \_\_\_\_\_ to the electrical service grounding electrode system. The bonding jumper shall connect to a metallic pipe or fitting between the point of delivery and the \_\_\_\_\_ fitting.
40. NFPA 54 – 7.13.2.2, pg. 63 - The bonding jumper shall not be smaller than \_\_\_\_\_ or equivalent.
41. NFPA 54 – 9.6.8., pg. 70 – Where a sediment trap is not incorporated as a part of the appliance, a sediment trap shall be installed downstream of the appliance shutoff valve as close to the inlet of the appliance as practical \_\_\_\_\_.
42. NFPA 54 – 9.6.5.2., pg. 70 – Shutoff valves serving appliances installed in \_\_\_\_\_ and \_\_\_\_\_ shall not be required to be located within 6 feet of the appliance where such valves are readily accessible and \_\_\_\_\_.
43. NFPA 54 – 7.7.1.4., pg. 61 – The threaded portion of gas piping shall extend not less than \_\_\_\_\_ through finished ceilings or indoor or outdoor walls.
44. NFPA 54 – 7.7.1.5., pg. 61 – The unthreaded portion of gas piping outlets shall extend not less than \_\_\_\_\_ above the surface of floors or outdoor patios or slabs.
45. NFPA 54 – 7.7.2.1., pg. 61 – Each outlet, including a valve, shall be closed gastight with a threaded plug or cap \_\_\_\_\_ and shall be left closed until the appliance or equipment is connected thereto.

46. NFPA 54 – 8.1.5.2., pg. 64 – The leakage shall be located by means of \_\_\_\_\_, \_\_\_\_\_, or other approved leak detection methods. Matches, candles, open flames, or other methods that provide a source of ignition shall not be used.
47. NFPA 54 – 8.2.3\*, pg. 64 – Immediately after the gas is turned on into a new system or into a system that has been initially restored after a \_\_\_\_\_, the piping system shall be \_\_\_\_\_.
48. NFPA 54 – 9.1.6.2., pg. 65 – Non-direct-vent appliances installed in beauty shops, barber shops or other facilities where chemicals that generate corrosive or flammable products such as aerosol sprays are routinely used shall be located in a \_\_\_\_\_ separate or partitioned off from other areas with provisions for combustion and dilution air from outdoors.
49. NFPA 54 – 9.1.10.1., pg. 65 – Appliances in residential garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit shall be installed so that all burners and burner ignition devices are located not less than \_\_\_\_\_ above the floor unless listed as flammable vapor ignition resistant.
50. NFPA 54 – 9.3.2.3. (1), pg. 67 – Openings used to connect indoor spaces shall be sized and located in accordance with the following:
- a) Each opening shall have a minimum free area of \_\_\_\_\_ of the total input rating of all appliances in the space but not less than \_\_\_\_\_.
51. NFPA 54 – 9.3.3.1. (1), pg. 67 – The openings shall communicate directly, or by ducts, with the outdoors or spaces that freely communicate with the outdoors, as follows:
- a)\*Where directly communication with the outdoors or where communicating to the outdoors through vertical ducts, each opening shall have a minimum free area of \_\_\_\_\_ of total input rating of all appliances in the enclosure.
52. NFPA 54 – 9.6.1. (3), pg. 69 – A listed connector in compliance with \_\_\_\_\_ shall be used in accordance with the \_\_\_\_\_ and shall be in the same room as the \_\_\_\_\_. Only \_\_\_\_\_ shall be used per appliance.

53. MS Rules / Regulations 2.2 – Unvented room heaters may be installed in residential sleeping quarters and bathrooms, provided the aggregate rating does not exceed \_\_\_\_\_ of room or space in which it is installed.
54. MS Rules / Regulations 2.1 – Water heaters, with the exception of those having sealed combustion systems may be installed in bathrooms, bedrooms or any occupied rooms normally kept closed, provided \_\_\_\_\_ are made for air for \_\_\_\_\_.
55. MS Rules / Regulations 2.3(3) – A clayback heater cannot be used in a mobile home however a heater with a \_\_\_\_\_ may be used.
56. NFPA 54 10.22.3., pg. 82 – Room heaters shall not be installed in the following occupancies:
- a) \_\_\_\_\_
  - b) \_\_\_\_\_
57. NFPA 54 – 12.7.3.2., pg. 88 – The total horizontal distance of a vent plus the horizontal vent connector servicing draft hood-equipped appliances shall not be greater than \_\_\_\_\_ of the vertical height of the vent.
58. NFPA 54 – 12.7.1(3) pg. 87– Gas vents installed within masonry chimneys shall be \_\_\_\_\_ with a \_\_\_\_\_ installed at the point where the vent enters the chimney.
59. NFPA 54 - 12.7.2.(1)(a), pg. 87 – Gas vents that are \_\_\_\_\_ inches or less in size and located not less than \_\_\_\_\_ feet from a vertical wall or similar obstruction shall terminate above the roof in accordance with Figure 12.7.3 and Table 12.7.2.
60. NFPA 54 – 12.7.2.(2), pg. 88 – A Type B or a Type L gas vent shall terminate at least \_\_\_\_\_ in vertical height above the highest connected appliance draft hood or flue collar.
61. NFPA 54 – 12.7.2. (3), pg. 88 – A Type B-W gas vent shall terminate at least \_\_\_\_\_ in vertical height above the bottom of the wall furnace.
62. NFPA 58 – Table 6.4.4.3, pg. 35 – How close to an important building may a 125 – 1000 gallon LP Gas container be serviced with LP Gas? \_\_\_\_\_.

63. NFPA 58 – 7.3.1.(1), pg. 65 – Venting of LP-Gas shall be permitted where the maximum flow from fixed liquid level, rotary, or slip tube gauges does not exceed that from a \_\_\_\_\_.
64. NFPA 58 – 9.4.8\*, pg. 75 – Each cargo tank vehicle or trailer shall utilize a \_\_\_\_\_, in addition to the parking or hand brake, whenever the cargo tank vehicle is \_\_\_\_\_, \_\_\_\_\_ or \_\_\_\_\_.
65. NFPA 58 – 7.2.3.2.(B), pg. 64 – Smoking, open flame, portable electrical tools, and extension lights capable of igniting LP-Gas shall not be permitted within \_\_\_\_\_ of a point of transfer while filling operations are in progress.
66. NFPA 58 – 9.4.7.1, pg. 75 – Each cargo tank vehicle or tractor shall be provided with at least one approved portable \_\_\_\_\_ having a minimum capacity of \_\_\_\_\_ with a \_\_\_\_\_.
67. MS Law – 75-57-33 – Cylinders with a water capacity of less than 250 pounds shall be charged by \_\_\_\_\_ with liquefied petroleum gas only at \_\_\_\_\_ or \_\_\_\_\_ and not from mobile units such as delivery trucks, except cylinders installed as part of a system burning liquefied petroleum gas or natural compressed gas as a \_\_\_\_\_ or \_\_\_\_\_ such as in flame cultivators or hot air balloon cylinders.
68. NFPA 58 – 9.7.2.2., pg. 76 – Vehicles shall not be parked in \_\_\_\_\_.
69. NFPA 58 – 9.7.2.3., pg. 76 – Where vehicles are parked off the street in uncongested areas, they shall be at least \_\_\_\_\_ from any building used for assembly, institutional, or multiple residential occupancy.
70. NFPA 58 – 9.4.10(1-3), pg. 75 – No person shall smoke or carry lighted smoking material as follows:
- a) On or within \_\_\_\_\_ of a vehicle that contains LP-Gas liquid or vapor
  - b) At points of liquid \_\_\_\_\_
  - c) When \_\_\_\_\_ or \_\_\_\_\_ to containers
71. NFPA 54 – 5.6.2.1., pg. 17 – \_\_\_\_\_ shall not be used.
72. NFPA 58 – 6.15., pg. 47 – \_\_\_\_\_ or a device providing pressure-relieving protection shall be installed in each section of piping and hose in which liquid LP-Gas can be isolated between shutoff valves so as to relieve the pressure that could develop from the trapped \_\_\_\_\_ to a safe atmosphere or product-retaining section.

73. MS Regulation 2011 – 2 – Section 4A - No dealer shall sell, install, fill, refill, deliver or permit to be delivered, or use in any manner any ASME liquefied petroleum gas container unless such container is \_\_\_\_\_ or its use is authorized by \_\_\_\_\_ of such container.

74. MS Regulation 2011 – 2 – Section 4B(1-4) – No liquefied petroleum gas dealer, including its agents and employees, may dismantle, disconnect, evacuate, repair, deface, fill, or refill a container belonging to another dealer unless:

- a) Prior \_\_\_\_\_ shall have been granted by the dealer who owns the container;
- b) Prior written permission shall have been granted by the \_\_\_\_\_ of the premises where the container is located, except the owner or lessee may \_\_\_\_\_ to fill or refill a container;
- c) The action is taken at the discretion of the \_\_\_\_\_ as defined in NFPA Pamphlet 58;
- d) The action is taken under a declared state of \_\_\_\_\_.

75. If you were called to put gas in a tank and found no one at home and the tank empty, what is your company policy?

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76. If you were called or put gas in a tank and found it empty and the owner at home, what is your company policy? \_\_\_\_\_

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**READ THE FOLLOWING  
IT IS THE LAW UNDER WHICH YOU OPERATE**

Any person who shall fill any container or system unless the installation, alteration, extension, connection and repairs are done by a qualified installer or without a current 120 day approval tag or State Inspector approval can be fined a maximum of \$5,000.

Is it fully understood that your LP-Gas certificate can be revoked for any of the following reasons?

**Drunkenness, carelessness, filling illegal systems, filling condemned tanks,  
filling illegal cylinders from trucks, etc.**

**ALSO**

All installations of LP Gas piping, appliances, tanks, etc. **must be reported to the L. C. Gas Division within 15 days.**

This certificate is valid only while cardholder is employed by company named on card and only while performing work for said company. Termination of employment from this company automatically cancels this certificate. Certificate may be transferred to another company licensed to operate in the State of Mississippi, provided request is made by qualified company.

**APPLICANT MUST HAVE VALID COMMERCIAL DRIVER LICENSE WITH APPROPRIATE ENDORSEMENT. A COPY OF CDL MUST BE ATTACHED.**

**I HAVE READ AND I UNDERSTAND THE ABOVE STATEMENT**

**APPLICANT'S SIGNATURE** \_\_\_\_\_