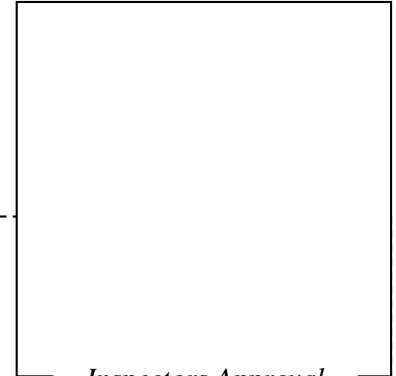


NV LP-Gas Board Class 4 License (LP-Gas Dispenser) Site Plan

Licensee Name: _____ Equipment Supplier: _____

Installation Address: _____

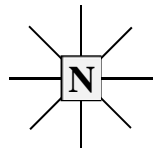
Person Completing This Form: _____ E-mail: _____



Inspectors Approval

A large dashed-line rectangular area intended for the site plan drawing.

Please accurately detail the proposed installation showing all separation distances, cross streets, and North orientation



NV LP-Gas Board Class 4 License (LP-Gas Dispenser) Site Plan

Licensee Name: _____ Address: _____

DO NOT WRITE IN THIS COLUMN - Inspector will complete during inspection

<i>Line</i>	NFPA 58 (2020)	CONTAINER					
1		Water capacity (WC) in gallons.	gal	gal	gal	gal	
2		Orientation (<i>H = horizontal & V = vertical</i>)					
3	6.4.1	Separation distance from the nearest important building.					ft
4	6.4.1	Separation distance from the nearest line of adjoining property that can be built upon.					ft
5	6.5.3.3*	Separation distance from stored combustible materials.					ft
6	6.5.3.6	Separation from aboveground tanks containing liquids having flash points below 200°F.					ft
7	6.5.3.9	Separation distance from oxygen containers.					ft
8	6.5.3.9	Separation distance from hydrogen containers.					ft
9	6.5.3.13	Separation distance from a vertical plane beneath overhead electric power lines over 600 volts.					ft
10	6.27.3.9	Is the liquid withdrawal opening equipped with an internal valve?					Y N
11	6.27.3.18	Separation distance from the switch or circuit breaker that will shut off the power to the dispensing device.					ft
12	6.27.3.19	Are the markings for the switches or breakers that will shut off the power to the dispensing device visible?					Y N

	NFPA 58 (2020)	POINT OF TRANSFER <i>(point of transfer is measured from the end of the delivery hose)</i>					
13	Table 6.7.2.1 (A)	Separation distance from buildings with at least 1-hour fire-rated walls.					ft
14	Table 6.7.2.1 (B)	Separation distance from buildings with other than at least 1-hour fire-rated walls.					ft
15	Table 6.7.2.1 (C)	Separation distance from building wall openings or pits at or below the level of the point of transfer.					ft
16	Table 6.7.2.1 (D)	Separation distance from line of adjoining property that can be built upon.					ft
17	Table 6.7.2.1 (E)	Separation distance from outdoor places of public assembly.					ft
18	Table 6.7.2.1 (F)(1)	Separation distance from public ways, including public streets, highways, thoroughfares, and sidewalks.					ft
19	Table 6.7.2.1 (G)	Separation distance from driveways.					ft
20	Table 6.7.2.1 (H)	Separation distance from mainline railroad track centerlines.					ft
21	Table 6.7.2.1 (I)	Separation distance from containers other than those being filled.					ft
22	Table 6.7.2.1 (J)	Separation distance from flammable and Class II combustible liquid dispensers and container fill connections.					ft
23	Table 6.7.2.1 (K)	Separation distance from flammable and Class II combustible liquid AG containers & fill point of UG containers.					ft
24	Table 6.25.2.2	Is electrical equipment within 5 ft. approved for Class 1, Division 1, Group D?					Y N
25	Table 6.25.2.2	Is electrical equipment beyond 5 ft. but within 15 ft. approved for Class 1, Division 2, Group D?					Y N
26	6.27.3.10	Separation distance from the remote emergency shutoff device for the internal valve.					ft

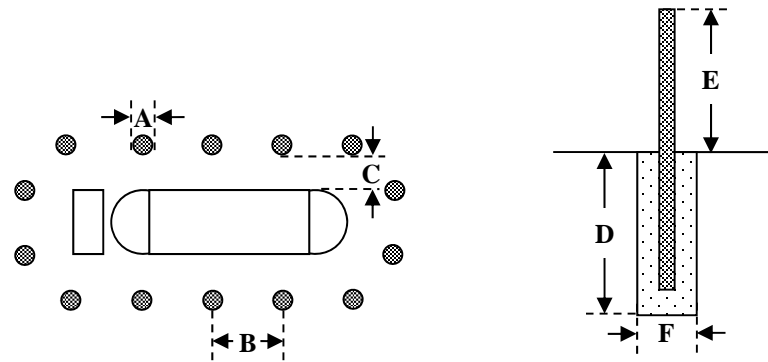
	NFPA 58 (2020)	FIRE EXTINGUISHER					
27	6.29.4.2	Dry chemical rating (A, B, C, D, etc.) and capacity in pounds.			Rating:		lbs

	NFPA 58 (2020)	VEHICLE PROTECTION					
28	6.27.3.14	Is the plan to protect the installation from vehicles detailed on the plot plan? (required)					Y N

Installation Information

Vehicle Protection: NFPA 58 (2020) 6.27.3.14(A) specifies the following design for guard posts:

- A. They shall be constructed of steel not less than **4 inches** in diameter and filled with concrete.
- B. They shall be spaced not more than **4 feet** on center.
- C. They shall be located not less than **3 feet** from the LP-Gas container or system they are protecting.
- D. They shall be set not less than **3 feet** deep.
- E. They shall be set with the top of the posts not less than **3 feet** above ground.
- F. They shall be set in a concrete footing of not less than **15 inches** in diameter.



Emergency Shutoffs: NFPA 58 (2020) requires dispensing stations to have the ability to remotely close the liquid supply valve and the electrical power in the event of an emergency. NAC 590.454 requires that these remote shutdown devices have a common activation point.

Electrical Equipment: NFPA 58 (2020) 6.25.2 requires that electrical equipment and wiring in classified areas shall be in accordance with *NFPA 70, National Electrical Code*. The Board recommends that you only use a qualified electrician licensed with the Nevada State Contractors Board who is knowledgeable and experienced with electrical work in hazardous locations.

Point of Transfer: The point of transfer is defined by NFPA 58 (2020) 3.3.59 as “*The location where connections and disconnections are made or where LP-Gas is vented to the atmosphere in the course of transfer operations.*” Because containers are filled with a flexible hose, the point of transfer cannot be defined as one fixed location. Therefore, wherever the end of the delivery hose can be moved will define the point of transfer area. All required separation distances from the point of transfer must be measured from the outer edge of the point of transfer area.

