

BUREAU OF STANDARDS

Effective Date: 8/19/2016

Section No. 4

Version: 1.1

Procedure No. 2

TITLE: LP Gas Standard for Site Plan Review

PURPOSE: This document details the procedures used to conduct a Site Plan of a Liquefied Petroleum Gas Bulk Plant facility and Liquefied Petroleum Dispensing Station to be constructed in the State of Florida.

The standard for installation and maintenance at a bulk facility and dispensing station is covered in Chapter 527 Florida Statute, Rule 5J-20 Florida Administrative Code and NFPA 58. The submission a site plan is required prior to the construction of any bulk storage container of single tank water capacity of 2,000 gallons or greater, 4,000 gallons aggregate water capacity or greater, and where a container or containers is being installed for the purpose of serving the public liquid product. The site plan must be reviewed and written approval received from the department prior to construction.

SITE PLAN REVIEW

1.0 Review of Document – Use the site plan checklist to document the site plan review.

NOTE: the site plan is not required to be to drawn to scale

- 1.1 The site plan is on a blueprint or approved form
- 1.2 The document is legible and easily read
- 1.3 The document provides the Name and address of the Business
- 1.4 The site plan reflects the container size
- 1.5 The site plan contains the construction statement “to be constructed and maintained in accordance with the provisions of NFPA 58, and other appropriate regulations”
- 1.6 The site plan reflects the name, address, and license number of the installer
- 1.7 The site plan is signed by a responsible licensee official or qualified consumer
- 1.8 The site plan shows the location of the property lines and reflect distances from the container
- 1.9 The site plan shows the location of the bulk storage container(s)
- 1.10 The site plan shows vaporizers, pumps, and/or compressors as applicable to the type of installation
- 1.11 The site plan shows loading and unloading facilities as applicable to the type of installation
- 1.12 The site plan shows the point of transfer as applicable to the type of installation
- 1.13 The site plan shows crash post as applicable to the type of installation
- 1.14 The site plan depicts the direction North

2.0 On Site Review

- 2.1 Upon arrival meet with the facility owner/manager/supervisor if available; advise the purpose of your visit. Confirm the information in reference to the business name and address is correctly reflected on the site plan and obtain/confirm phone contact information.
 - 2.2 Other containers on the property are reflected on the site plan to include the size of the container(s)
 - 2.2.1 Is the distance to the container(s) reflected on the site plan
 - 2.3 Buildings on the property, are they reflected on the site plans
 - 2.3.1 Openings into the building are identified
 - 2.3.2 The distance from the container to the building is reflected on the site plan
 - 2.3.3 The distance from the closest point of transfer to the nearest opening into the building below the point of transfer is reflected on the site plan
 - 2.4 Pits and or underground sewer lines on the property, are they reflected on the site plan
 - 2.4.1 The distance from the nearest point of transfer to the pit or underground sewer lines is reflected on the site plan
 - 2.5 Parking, sidewalks, or other traffic flow areas are they reflected on the site plan
 - 2.5.1 The distance from the nearest point of transfer to the closest parking, sidewalk and or traffic flow area is reflected on the site plan
 - 2.6 Overhead power line(s) is it reflected on the site plan
 - 2.6.1 The voltage of the overhead wiring is reflected
 - 2.6.2 The measurement of the vertical plane beneath the overhead power lines is reflected on the site plan
 - 2.7 All required clearances are accurately reflected on the site plan
 - 2.7.1 Container clearances must meet with the requirement of NFPA 58 Table 6.3.1
 - 2.7.2 Clearances from the proposed point of transfer must meet with the requirement of NFPA Table 6.5.3
 - 2.8 The direction is correctly depicted on the site plan
- 3.0 Approval or rejection of the site plan
- 3.1 Any missing information reflected in Part 1.0 or 2.0 of this procedure; the site plan shall be rejected.
 - 3.2 Any clearances from container and/or point of transfer to the identified exposures are not met; the site plan shall be rejected.
 - 3.3 The site plan is to be stamped with the department issued Site Plan Approval/Rejection Stamp.
 - 3.3.1 The appropriate box shall be checked accordingly
 - 3.3.2 The inspector shall sign and date where indicated by impression of the stamp
 - 3.3.3 Prepare a Facility Inspection Report documenting the results of the review and distribute in accordance with the department standard for the preparation and submission of Inspection Reports.

Version	Rev. Date	Change Control Comments	Approver
1.1	12/12/16	Updated opening paragraph. Removed note from 1.0	AES