



## 507 – GUARD POSTS STANDARD

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**Supersedes:** VCFPD Standard 14.4.2

### CHAPTER 1 – ADMINISTRATION

**1.1 Purpose.** This standard is prepared for the use and guidance of those installing guard posts.

**1.2 Scope.** This standard provides the minimum design and installation requirements for guard posts providing vehicular impact protection for above-ground tanks, hazardous materials containers, storage areas, piping, conduit, valves, fittings, dispensing areas, utility equipment and fire protection equipment; including fire hydrants, fire department connections (FDC's), and other similar equipment.

**1.3 Applicability.** This standard shall apply to all guard posts installed within the jurisdictional boundaries of the Ventura County Fire Protection District.

**1.4 Permits.** No additional permits or plans are required for the installation of guard posts. Contact the local Building and Safety and/or Planning Departments for additional information regarding possible permits required by these agencies.

### CHAPTER 2 – DEFINITIONS

**Guard Post.** A tubular steel post filled with concrete design and installed to provide protection from vehicular damage.

### CHAPTER 3 – GENERAL REQUIREMENTS

**3.1 General.** Vehicle impact protection required by the current adopted edition of the Ventura County Fire Code (VCFC) shall be comply with this standard.

**3.2 Material.** Guard posts shall be constructed of Schedule 40 steel a minimum of 4-inches in diameter and concrete filled. Where heavy equipment is present, the minimum diameter shall be 6-inches.

**3.3 Depth of Bury.** Guard posts shall be set a minimum of 3 feet deep in a concrete footing. When using a 4-inch diameter post, the footing shall be a minimum of 15 inches in diameter. The footing shall have a minimum diameter of 20 inches when using a 6-inch diameter post.

**3.4 Height.** Guard posts shall be set with the top of the posts a minimum of 3-feet above the finished grade level. Where implements can over swing the guard post, the minimum height shall be to the top of the tank or equipment being protected or as approved by the fire code official.

**3.5 Spacing.** Guard posts shall be spaced a maximum of 4-feet on center between posts.

**3.6 Location.** Guard posts shall be located a minimum of 5-feet from the item being protected. Locations less than 5-feet may be allowed when approved by the Fire Code Official.

**3.7 Color.** Guard posts shall be painted a high-visibility color that contrasts to the surrounding environment.

**3.8 Obstructions.** Guard posts shall not cause an obstruction to the use, service or maintenance of any fire protection equipment.

### EXHIBIT A

