



## **FIRE PREVENTION MANUAL**

### **FIRE EXTINGUISHING SYSTEMS**

#### **405.027 FIRE SPRINKLER HEAD REPLACEMENT**

**EFFECTIVE: MAY 26, 2014**

#### **SCOPE**

Fire sprinkler head replacement requirements.

#### **PURPOSE**

The purpose of this policy is to clarify the Fresno Fire Department's (FFD or Department) requirements related to painted, damaged or corroded fire sprinkler heads in fire sprinkler systems.

#### **BACKGROUND**

As noted in the *California Fire Code* (CFC), fire sprinkler systems are to be maintained in accordance with the original installation standards for that system. Where systems are damaged or defective, the fire code official has the authority to regulate repairs to ensure that the repairs performed conform to the original installation standards for that fire sprinkler system, and that system components which are replaced, meet the original or equivalent standard of installation.

#### **REQUIREMENTS**

Based upon the need for uniformity in application across the Department's diverse service delivery area, and after careful deliberation, including the Department's historical application of the CFC, *National Fire Protection Association* (NFPA) 13, and NFPA 25, the Department has determined that when a fire sprinkler has been painted (sensing element), mechanically damaged, or is corroded beyond its serviceable limits, the sprinkler head shall be replaced.

Prior to replacement, the contractor shall first obtain a permit for replacement of all fire sprinkler heads to be replaced from the City of Fresno Fire Department, and complete all requisite field inspections.

Note: These requirements apply to both required and voluntary systems.