



## **CITY OF MANTECA - FIRE DEPARTMENT**

### **FIRE PREVENTION BUREAU**

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## **STORAGE OF SCRAP TIRES AND TIRE BYPRODUCTS OPERATIONAL PERMIT REQUIREMENTS**

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**105.6.44 Storage of Scrap Tires and Tire byproducts.** An operational permit is required to establish, conduct or maintain storage of scrap tires and tire byproducts that exceed 2,500 cubic feet (71m<sup>3</sup>) of total volume of scrap tires and for indoor storage of tires and tire byproducts.

**Tires, Bulk Storage of.** Storage of tires where the area available for storage exceeds 20,000 cubic feet.

### **3405 OUTDOOR STORAGE**

**3405.1 Individual piles.** Tire storage is restricted to individual piles not exceeding 5,000 square feet (464.5 m<sup>2</sup>) of continuous area. Piles shall not exceed 50,000 cubic feet (1416m<sup>3</sup>) in volume or 10 feet (3048 mm) in height.

**3405.2 Separation of piles.** Individual tire storage piles are separated from other piles of salvage by a clear space of at least 40 feet (12 192 mm).

**3405.3 Distance between piles of other stored products.** Tire storage piles are separated by a clear space of at least 40 feet (12 192 mm) from piles of other stored product.

**3405.4. Distance from lot lines and buildings.** Tire storage piles are located at least 50 feet (15 240 mm) from lot lines and buildings.

**3405.5. Fire breaks.** Storage yards are maintained free from combustible ground vegetation for a distance of 40 feet (12 192 mm) from the stored material to grass and weeds; and for a distance of 100 feet (30 480 mm) from the stored product to brush and forested areas.

**3405.6. Volume more than 150,000 cubic feet.** Where the bulk volume of stored product is more than 150,000 cubic feet (4248 m<sup>3</sup>), storage arrangement are in accordance with the following (CFC 34

1. Individual storage piles comply with size and separation requirements in Sections 2505.1 through 2505.5.

2. Adjacent storage piles shall be considered a group, and the aggregate volume of storage piles in a group does not exceed 150,000 cubic feet (4248 m<sup>3</sup>). Separation between groups shall be at least 75 feet (22 860 m) wide.

**3405.7 Location of storage.** Outdoor waste tire storage is not to be located under bridges, elevated trestles, elevated roadways or elevated railroads.

### **Fire Department Access**

**3406.2 Location.** Fire apparatus access roads are located within all pile clearances identified in Sections 3405.4 and within all fire breaks required in Section 3405.5. Access roadways are 150 feet(45 720 mm) of any point in the storage yard where storage piles are located, at least 20 feet (6096 mm) from any storage pile.

**3407.1 Where required.** Where the bulk volume of stored material is more than 20,000 cubic feet (566 m<sup>3</sup>), a firmly anchored fence or other approved method of security that controls unauthorized access to the storage yard surrounds the storage yard.

**3407.2 Construction.** The fence IS constructed of approved materials and is at least 6 feet (1829 mm) high and provided with gates at least 20 feet (6096 mm) wide.

**3407.3 Locking.** All gates to the storage yard are locked when the storage yard is not staffed.

**3407.4 Unobstructed.** Gateways are kept clear of obstructions and be fully openable at all times.

### **Fire Protection**

**3408.1 Water supply.** A public or private fire protection water supply is provided in accordance with Section 507. The water supply is arranged such that any part of the storage yard can be reached by using not more than 500 feet (152 m) of hose.

**3408.2 Fire extinguishers.** Buildings or structures shall be provided with portable fire extinguishers in accordance with Section 906. Fuel-fired vehicles operating in the storage yard shall be equipped with a minimum 2-A:20-B:C rated portable fire extinguisher.

### **Indoor Storage Arrangement**

**3409.1 Pile dimensions.** Where tires are stored on-tread, the dimension of the pile in the direction of the wheel hole are not be more than 50 feet (15 240 mm). Tires stored adjacent to or along one wall do not extend more than 25 feet (7620 mm) from that wall. Other piles are not more than 50 feet (15 240 mm) in width.

Additional requirements may apply.

