



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

### **FIRE PREVENTION BUREAU**

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## **ORGANIC COATING OPERATIONAL PERMIT REQUIREMENTS**

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**105.6.35.** An operational permit is required for any organic-coating manufacturing operation producing more than 1-gallon of an organic coating in one day.

**Organic Coating.** A liquid mixture of binder such as alkyd, nitrocellulose, acrylic or oil, and flammable and combustible solvents such as hydrocarbon, ester, ketone or alcohol, which, when spread in a thin film convert to a durable protective and decorative finish.

**2903.2 Location.** Organic coating manufacturing operations and operations incidental to or connected with organic coating manufacturing shall not be located in buildings having other occupancies.

**2903.4 fire protection systems.** Fire protection system shall be installed, maintained, periodically inspected and tested in accordance with Chapter 9.

**2903.5 Portable fire extinguishers.** Not less than one portable fire extinguisher complying with Section 906 for extra hazard shall be provided in organic coating areas.

**2309.6 Open flames.** Open flames and direct-fired heating devices shall be prohibited in areas where flammable vapor air mixtures exist.

**2903.7 Smoking.** Smoking shall be prohibited in accordance with Section 310.

**2903.8 Power equipment.** Power-operated equipment and industrial trucks shall be of a type approved for the location.

**2903.9 Tank maintenance.** The cleaning of tanks and vessels that have contained flammable or combustible liquids shall be performed under the supervision of persons knowledgeable of the fire and explosion potential.

**2903.9.1 Repairs.** Where necessary to make repairs involving "hot work," the work shall be authorized by the responsible individual before the work begins.

**2903.9.2 Empty containers.** Empty flammable or combustible liquid containers shall be removed to a detached, outside location and, if not cleaned on the premises, the empty containers shall be removed from the plant as soon as practical.

**2903.10 Drainage.** Drainage facilities shall be provided to direct flammable and combustible liquid leakage and fire protection water to an approved location away from the building, any other structure, storage area or adjoin premises.

**2901.11 Alarm system.** An approved fire alarm system shall be provided in accordance with Section 907.

**2905.2 Fire apparatus access.** Fire apparatus access complying with Section 503 shall be provided for the purpose of fire control to not less than one side of organic coating manufacturing operations.

Additional requirements may apply.