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# Sacramento Metropolitan Fire District

## Community Risk Reduction Division

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## HAZARDOUS MATERIALS CHECKLIST

California Fire Code Chapter 27

### Scope

An operational permit is required for storage, transportation on site, dispensing, use or handling of hazardous materials in excess of the amounts listed in California Fire Code, Table 105.6.20.

### Conditions

- Equipment, machinery, systems, controls and associated suppression, detection and alarm systems are tested and maintained.
- Hazardous material container, cylinder, tank, piping, valves and fittings are Underwriter's Laboratory (UL) listed and protected against vehicle impact and physical damage.
- Hazardous materials are not discharged onto the ground, into the atmosphere or into sewers, storm drains, etc.
- Overfill controls are provided and maintained at atmospheric tanks exceeding 500 gallons.
- Material Safety Data Sheets (MSDS) are readily available on site.
- Hazard identification (i.e. NFPA 704 placard) is provided on containers, tanks and building entrances.
- Containers are labeled with their contents (i.e. chemical name and hazard class).
- "No Smoking" signage is posted.
- Open flame and high temperature devices are not present.
- Storage does not exceed maximum allowable quantities and/or number of control area(s).
- Hazardous material gas rooms are sprinklered and ventilated.
- Hazardous material exhausted enclosure is of noncombustible construction, ventilated and provided fire extinguishing system.
- Hazardous material gas cabinets are ventilated, constructed of 12 gauge steel and equipped with self-closing door.

- Cylinders in gas cabinet do not exceed 3.
- Hazardous material storage cabinets are UL listed, labeled, constructed of 18 gauge steel and equipped with self-closing and latching door.
- Hazardous material tank, piping, valve, fitting and appurtenances are UL listed and protected against vehicle impact.
- Class I electrical and electronic equipment is provided and maintained where applicable.
- Incompatible materials in containers exceeding 5 pounds or 0.5 gallons are separated by minimum 20 feet, non-combustible barrier, storage cabinet or gas cabinet.
- Shelving used for storage is of substantial construction, braced, anchored and provided with a lip or guard.
- Safety cans are Underwriter's Laboratory (UL) listed.
- Spill control and secondary containment is provided for areas having individual vessels of more than 55 gallons or aggregate vessel capacity of more than 1,000 gallons.
- 4A:80B:C rated fire extinguisher(s) is provided and travel distance does not exceed 50-feet.
- Outdoor hazardous material storage is located 25 feet or more from weeds, debris and other combustible material.
- Outdoor hazardous material control area is located 20 feet from lot line and public way.
- Ventilation, fire suppression system, explosion control, emergency power and emergency alarm is provided and maintained at indoor hazardous material storage and use areas.
- Temperature and pressure controls are provided and maintained.
- Outdoor hazardous material dispensing and use is located 30 feet or more from weeds, debris and other combustible material.

Additional requirements may apply