



# Sacramento Metropolitan Fire District

Community Risk Reduction Division

[www.metrofire.ca.gov](http://www.metrofire.ca.gov)

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## HAZARDOUS MATERIALS CHECKLIST

California Fire Code Chapter 50

### Scope

An operational permit is required for storage, transport on site, dispense, use or handling 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. (CFC 5003.2/5003.2.6)
- Hazardous material container, cylinder, tank, piping, valves and fittings are Underwriter's Laboratory (UL) listed and protected against vehicle impact and physical damage. (CFC 5003.9.3)
- Hazardous materials are not discharged onto the ground, into the atmosphere or into sewers, storm drains, etc. (CFC 5003.3)
- Overfill controls are provided and maintained at atmospheric tanks exceeding 500 gallons. (CFC 5003.2.7)
- Material Safety Data Sheets (MSDS) are readily available on site. (CFC 5003.4)
- Hazard identification (i.e. NFPA 704 placard) is provided on containers, tanks and building entrances. (CFC 5003.5)
- Containers are labeled with their contents (i.e. chemical name and hazard class). (CFC 5003.5.1)
- "No Smoking" signage is posted. (CFC 5003.7.1)
- Open flame and high temperature devices are not present. (CFC 5003.7.2)
- Storage does not exceed maximum allowable quantities and/or number of control area(s). (CFC 5003.8.3)
- Hazardous material gas rooms are sprinklered and ventilated. (CFC 5003.8.4)
- Hazardous material exhausted enclosure is of noncombustible construction, ventilated and provided fire extinguishing system. (CFC 5003.8.5)

- Hazardous material gas cabinets are ventilated, constructed of 12 gauge steel and equipped with self-closing door. (CFC 5003.8.6.1)
- Cylinders in gas cabinet do not exceed 3. (CFC 5003.8.6.3)
- Hazardous material storage cabinets are UL listed, labeled, constructed of 18 gauge steel and equipped with self-closing and latching door. (CFC 5003.8.7.1/5003.8.7.2)
- Hazardous material tank, piping, valve, fitting and appurtenances are UL listed and protected against vehicle impact. (CFC 5003.9.3)
- Class I electrical and electronic equipment is provided and maintained where applicable. (CFC 5003.9.4)
- 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. (CFC 5003.9.8)
- Shelving used for storage is of substantial construction, braced, anchored and provided with a lip or guard. (CFC 5003.9.9)
- Safety cans are Underwriter's Laboratory (UL) listed. (CFC 5003.9.10)
- Spill control and secondary containment is provided for areas exceeding the maximum allowable quantity per control area. (CFC 5004.1)
- 4A:80B:C rated fire extinguisher(s) is provided and travel distance does not exceed 50-feet. (Title 19, Division 1, Section 568, Table 2 and 3).
- Outdoor hazardous material storage areas or tanks are located 25 feet or more from weeds, debris and other combustible material. (CFC 5004.11)
- Outdoor hazardous material control areas are kept clear of combustible materials for a minimum of 15 feet. (5003.12 #1)
- Outdoor hazardous material control area is located 20 feet from lot line and public way. (CFC 5003.12 #2)
- Ventilation, fire suppression system, explosion control, emergency power and emergency alarm is provided and maintained at indoor hazardous material storage and use areas. (CFC 5004.3 – 5004.7 and 5004.9)
- Temperature and pressure controls are provided and maintained. (CFC 5004.8)
- Outdoor hazardous material dispensing and use is located 30 feet or more from weeds, debris and other combustible material. (CFC 5005.3.8)

Additional requirements may apply