



Sacramento Metropolitan Fire District

Community Risk Reduction Division

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