



City of Santa Barbara
Fire Prevention Bureau
Combustible Dust-Producing Operations
2022 California Fire Code, Chapter 22

This information bulletin is to make you aware of the requirements for combustible dust-producing operations as set forth in the 2022 California Fire Code as adopted by Ordinance #6094. These requirements are intended to provide a reasonable degree of fire safety in the operations of welding and other hot work applications in the City of Santa Barbara.

1. **Occupancy classification** for a woodworking establishment is **Group F, Division 1**.
 - Defined as a **moderate factory hazard** occupancy. (CFC 202)
2. **Portable fire extinguishers** with minimum rating of **4A40BC** within **30 feet**. (CFC 906.3)
3. **Dust collection**. Where located within a building, equipment or machinery which generates or emits combustible fibers shall be provided with an approved dust-collecting and exhaust system in accordance with the *California Mechanical Code*. (CFC 3703.5)
4. Accumulation of dust on floors and other surfaces must be kept to minimum. (CFC 2203.2)
 - Accumulation of dust must be collected by **vacuum cleaning**.
 - Forced-air (blowers) cannot be used to remove dust.
5. Smoking or use of heating devices with an open flame, and use of spark producing equipment is prohibited in woodworking areas. (CFC 2203.1)
 - Post **“NO SMOKING”** signs.
6. Approved cabinets required for **10 gallons or more** of flammable paints/finishes.
 - Cabinets must have **self-closing doors**.
 - Shall be labeled **“FLAMMABLE LIQUIDS”** in red lettering.
 - Maximum quantity of **120 gallons** per cabinet.
7. **Waste cans**. Approved metal waste cans equipped with self-closing lids shall be provided wherever rags or waste are impregnated with finishing material. Such rags and waste shall be deposited therein immediately after being utilized. The contents of the waste cans shall be properly disposed of at least once daily and at the end of each shift. (CFC 2403.4.3)
8. **Two exits** are required for woodworking shops **5,000 square feet** or more. (CFC 1006)
 - When two exits are required they must be equipped with **lighted exit signs**.
9. **Automatic sprinkler systems** are required for woodworking shops **2,500 square feet** or more. (CFC 903.2.4.1)
10. A permit is required for **woodworking operations and flammable liquids storage (25 gallons inside and 60 gallons outside a building)**. (CFC [A] 105)

Permit fee is \$263.00 for one item and \$105.00 per additional permit.