



City of Santa Barbara
Fire Prevention Bureau
Welding and Other Hot Work
2019 California Fire Code, Chapter 35

This information bulletin is to make you aware of the requirements for welding and hot work operations as set forth in the 2019 California Fire Code as adopted by Ordinance #5920. 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.

DEFINITION:

Hot-work is operations including cutting, welding, use of open torch, brazing, glass blowing or similar operations.

General Safety Concerns:

Hot-work areas shall be **clear of combustibles** or combustibles shall be provided with appropriate shielding from hot work activity.

Exposed construction and all openings, i.e. cracks in walls, floors, ducts or shafts are protected.

Floors shall have non-combustible surfaces and shall be kept clean within the work area.

Hot-work is not conducted in rooms or areas where flammable liquids or vapors, lint, dust, or combustible storage is at risk of ignition from sparks or hot metal from the hot work **or in locations as determined by the Fire Code Official.**

Check equipment, i.e. hoses, containers, cables for damage or corrosion.

A minimum **2A, 20BC portable fire extinguisher** shall be located within **30 feet** of hot work activities.

A **permit** is required for hot work which includes:

Use of portable hot-work equipment inside a structure.

Exception: Work that is conducted under a separate construction permit.

Fixed-site hot-work equipment such as welding booths.

Hot work conducted within a Hazardous Fire Area.

Public exhibitions where hot work is conducted.