

# HOT WORK PERMIT

Submit for review and approval a minimum of 3 days before hot work is planned.

This Hot Work Permit is required for any operation involving open flame or producing heat and/or sparks. This work includes but is not limited to: **Welding, brazing, cutting, grinding, soldering, thawing pipe, torch-applied roofing, or chemical welding.**

**Instructions for Permit Authorized Individual (PAI)** Permit#:

- A. Complete form and receive supervisor and EHS Approval for Hot work.
- B. Post approved Hot Work permit at project site.
- C. Cover or coordinate to place fire protection system in test mode, **no longer than 4 hours as directed by the Office of the State Fire Marshal.**
- D. Conduct final sign-off after a minimum 30-minute Fire Watch or as directed by your supervisor and return completed permit to EHS.
- E. Report fires or explosions immediately to your supervisor or project manager.

Date: _____ PR#/ WO# _____	Hot work by <input type="checkbox"/> CSUF Employee <input type="checkbox"/> Contractor
Location, Building/Floor/Room (Be Specific): _____	<b>Print Name of Person Doing Hot Work</b> _____ <b>Signature</b> _____
Description of Work Being Performed: _____	<b>SIGNED (Supervisor Approval):</b> _____ <b>Date:</b> _____
Start Time: _____ Time Completed: _____	<b>SIGNED (EHS Approval):</b> _____ <b>Date:</b> _____
<b>THIS PERMIT IS VALID FOR ONE DAY ONLY</b>	<b>SIGNED (Fire Watch Sign Off):</b> _____
	Comments: _____

Before initiating hot work, ensure precautions are in place as required by NFPA 51B and ANSI Z49.1.

- Available sprinklers, hose streams, and extinguishers are in service, operable and readily available.
- Hot work equipment is in good working condition in accordance with manufacturer’s specifications.
- Special permission obtained to conduct hot work on metal vessels or piping lined with rubber or plastic.

**Requirements within 35 ft (11 M) of hot work**

- Flammable liquid, dust, lint, and oily deposits removed.
- Explosive atmosphere in area eliminated.
- Floors swept clean and trash removed.
- Combustible floors wet down or covered with damp sand or fire-resistive/noncombustible materials or equivalent.
- Personnel protected from electrical shock when floors are wet.
- Other combustible storage material removed or covered with listed or approved materials (welding pads, blankets, or curtains; fire-resistive tarpaulins), metal shields, or noncombustible materials.
- All wall and floor openings covered.
- Ducts and conveyors that might carry sparks to distant combustible material covered, protected, or shut down.

**Requirements for hot work on walls, ceilings, or roofs**

- Construction is noncombustible and without combustible coverings or insulation.
- Combustible material on other side of walls, ceilings, or roofs is moved away.

**Requirements for hot work on enclosed equipment**

- Enclosed equipment is cleaned of all combustibles.
- Containers are purged of flammable liquid/vapor.
- Pressurized vessels, piping, and equipment removed from service, isolated, and vented.

**Requirements for hot work fire watch and fire monitoring**

- Fire watch is provided during and for a minimum of 30 min after hot work, including any break activity.
- Fire watch is provided with suitable extinguishers and, where practical, a charged small hose.
- Fire watch is trained in use of equipment and in sounding alarm
- Fire watch can be required in adjoining areas, above and below.

