

## HOT WORK PERMIT FOR CUTTING AND WELDING WITH PORTABLE GAS OR ARC EQUIPMENT

### SECTION 1

Hot Work Location:	<b>AUTHORIZATION</b>
<b>Date Issued:</b>	The location where Hot Work is to be performed has been examined, necessary fire prevention precautions have been taken, and permission is authorized for this Hot Work to proceed.
<b>Permit Expires:</b>	
	<b>Signature:</b>
	Title:

Work to be Done:
Type of Work: <input type="checkbox"/> Cutting <input type="checkbox"/> Welding <input type="checkbox"/> Retrofit <input type="checkbox"/> New
Work Performed By: <input type="checkbox"/> In House Staff <input type="checkbox"/> Outside Contractor(s)
Cutter/Welder Name:

Is work to be done on piping containing flammable or hazardous materials? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is fire watch required? <input type="checkbox"/> Yes <input type="checkbox"/> No      Name of person conducting the fire watch: _____
Is there overhead work? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is there relocation of combustible materials? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is protective covering used? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is there equipment to convey sparks? <input type="checkbox"/> Yes <input type="checkbox"/> No
Type of fire extinguisher required. <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> ABC <input type="checkbox"/> Other: _____
Was any training required? <input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, what type of training? _____
Describe any precautions required with combustible materials in the following areas:
<input type="checkbox"/> Floors _____
<input type="checkbox"/> Walls _____
<input type="checkbox"/> Ceilings _____
<input type="checkbox"/> Roof _____
<input type="checkbox"/> Atmosphere _____

## SECTION 2

## Hot Work Precautions Checklist

*Before approving any cutting and welding permit the Project Manager, Department Supervisor/Manager or his/her appointee shall inspect the work area and confirm that precautions have been taken to prevent fire in accordance with Hot Work Procedures, Cal OSHA's Title 8 §4848 and the National Fire Protection Association's standard 51B, Cutting & Welding Processes.*

### BASIC PRECAUTIONS

- Cutting and welding equipment in good repair
- All movable fire hazards (combustible & flammable materials) have been moved to a safe place
- Guards or shields are being used to confine heat, sparks, and slag, and to protect immovable fire hazards
- Precautions have been taken to protect combustible materials on the floor below, near cracks or holes in walls, near open doorways, and near open or broken windows exposed to sparks

### WITHIN 35 FT. OF WORK AREA

- Floors swept clean of combustibles
- Combustible floors wetted down, covered with damp sand, metal, or other fire-resistant shields
- No combustible materials or flammable liquids
- Easily ignited combustible and flammable materials (within or more than 35 ft away) are protected with covers, guards, or metal shields
- All openings or cracks in walls, floors, or ducts that are potential travel passages for sparks, heat and flames are covered

### WORK ON WALLS OR CEILINGS

- Combustible materials that are next to the opposite side of metal partitions, walls, ceilings, or roofs have been moved or protected

### WORK ON ENCLOSED EQUIPMENT

(Tanks, containers, piping, ducts, dust collectors, etc.)

- Equipment cleaned of all combustibles
- Containers properly purged of flammable liquid and vapors

### FIRE WATCH

(A fire watch is required if combustible materials within 35 ft radius of the hot work cannot be removed.)

- To be provided during and 30 minutes after operation
- Fire extinguishing equipment provided for quick access
- Fire watch personnel trained in use of equipment and in sounding fire alarm

Hot Work Permit Precautions Checked by: \_\_\_\_\_

## SECTION 3

## FINAL CHECK-UP

Work area and all adjacent areas to which sparks and heat might have spread (including floors above and below and on opposite sides of walls) were inspected 30 minutes after the work was completed and were found to be firesafe.

Date/Time Work Completed:	Inspected by:
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Date/Time of Inspection:	Issued by:
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THIS FORM SHOULD BE KEPT ON FILE FOR 30 DAYS AFTER ALL WORK IS COMPLETED.