



Guidelines for Hot Work Operations

The Citywide Burn Restrictions/Ban requires a special permit for outdoor hot work or other activities which generate a flame or ignition source. Applicants shall obtain a **no fee**, temporary-use special permit at the Division of the Fire Marshal (DFM), Fire Department Complex located at 375 Printers Parkway.

Hot work includes but is not limited to:

Welding and associated processes, brazing, cutting, soldering, heat treating, grinding, thawing of pipe, powder-driven fasteners, hot riveting, torch applied roofing, Thermit welding, or similar operations producing or using a spark, flame or heat. Includes gas and electric methods.

The Colorado Springs Fire Department allows Hot Work Operations in accordance with the International Fire Code (IFC) and amendments as adopted and provided with the precautions outlined on the **reverse side** of this page.

1. Obtain special permit from CSFD.
2. Notify CSFD DFM within 24 hours of issued permit: each location, date and time work is conducted. **Use reverse side of this page for submittal.**
3. Notification shall be in writing and can be hand delivered or sent via fax @ (719) 385-7334.
4. The permit and pre-hot work checklist shall be available on site during hot work activities.
5. The permit also requires that the qualified operator understands the provisions of these guidelines.

If there are any questions, please contact the Division of the Fire Marshal at (719) 385-5978. This Hot Work Guideline document can be obtained at the Fire Department Complex located at 375 Printers Parkway or on the CSFD website <http://www.springsgov.com/Page.aspx?NavID=1094>



Commission on
Fire Accreditation
International

Division of the Fire Marshal
375 Printers Parkway
Colorado Springs, CO 80910-3191
TEL 719-385-5978 • FAX 719-385-7334



COMPANY NAME/ADDRESS:		TYPE OF HOT WORK	
NAME OF OPERATOR(S):			
TELEPHONE NUMBER:		TIME AND DATE OF WORK	
EMAIL			
DATE:	LOCATION:		
PERMIT NUMBER:		HP15 HOTWORK PERMIT	
HOT WORK PRECAUTIONS		Done	Employee
Fire Safety			
A Hot Work Program by owner/operator/manager/contractor is in place, documented and available upon Fire Department request. See IFC Chapter 26.			
Qualified operators shall conduct hot work operations.			
Post warning signs where hot work area is accessible to persons other than the operator. Sign shall display: CAUTION HOT WORK IN PROGRESS STAY CLEAR.			
Inspect work area and confirm that precautions have been taken to prevent fire. Conduct a pre-hot-work check prior to work. The report shall be kept on site during the work.			
Pre-Hot Work Check List			
All equipment is inspected and in good repair.			
Separate combustibles from ignition sources or by shielding combustibles.			
Hot work area is clear of combustibles or combustibles are protected.			
Exposed construction is protected or is non combustible; openings are protected.			
Floors kept clean.			
No exposed combustibles on opposite side of partitions, walls, ceiling or floors.			
Fire watch assigned.			
Prevent accidental activation of suppression and detection equipment.			
Fire extinguishers and fire hoses are operable and available.			
Within 35 feet of Work			
Flammable liquids, dust, lint, and oil deposits removed.			
Explosive atmosphere in area eliminated.			
Combustible floors wet down, covered with damp sand or fire-resistant sheets.			
Remove other combustibles where possible. Otherwise, protect with fire resistant tarpaulins or metal shields			
Fire resistant tarpaulins suspended beneath work.			
Work on walls or ceilings/enclosed equipment			
Construction is non-combustible and without combustible covering or insulation.			
Combustibles on other side of walls moved away.			
Ensure no danger exists by conduction of heat into another area.			
Enclosed equipment cleaned of all combustibles.			
Containers purged of flammable liquids/vapors.			
Fire watch/hot work area monitoring			
A fire watch shall be maintained during and for at least 30 minutes after completion of hot work operations to detect and extinguish smoldering fire.			
Required for adjoining areas, above, and below.			
Fire watch shall be assigned to person(s) that understand the hazards and trained in the use of fire extinguishers and emergency notification procedures.			
Fire watch shall be assigned no other duties.			
Fire watch and each site shall be provided with suitable fire extinguishers within 30 feet of the location where hot work is performed. Extinguishers: 2-A:20-B:C. For roofing asphalt kettle—40 B:C within 25 feet. If near combustible brush or vegetation provide an additional water fire extinguisher.			
Other: Roofing operations greater than 100 square feet requires permit: See Pikes Peak Regional Building Dept. 327-2880			

Source: National Fire Protection Association (NFPA), 51B Standard for Fire Prevention During Welding, Cutting, and other Hot Work, 2014 or current edition.

Source: International Fire Code 2009 Edition, Chapter 26 Welding and other Hot Work.

Other resources:

NFPA 241 Standard for Safeguarding Construction, Alteration, and Demolition Operations, current edition.