

University of Missouri
HOT WORK PERMIT

Seek an alternative / safer method if possible.

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

A 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

POST A COPY OF THIS PERMIT IN/NEAR THE HOT WORK AREA

Construction Factors Table

Occupancy Factors	Noncombustible Construction		Combustible Construction without Concealed Cavities		Combustible Construction with Unprotected Concealed Cavities	
	Fire Watch	Monitor	Fire Watch	Monitor	Fire Watch	Monitor
Noncombustible with any combustibles contained within closed equipment (e.g., ignitable liquid withing piping)	30 minutes	0 hours	1 hour	3 hours	1 hour	5 hours
Office, retail or manufacturing with limited combustible loading	1 hour	1 hour	1 hour	3 hours	1 hour	5 hours

Hot Work Permit good for one (1) day only

Date:	Hot Work By:	Employee <input type="checkbox"/>	Contractor <input type="checkbox"/>
Building:	Company Name:		
Floor: Room #:			
Work to be performed:	Printed Name Person doing Hot Work		
Time Started: Time Completed:	Signature of Person doing Hot Work		
Time Fire Watch Completed:			
Printed Name of Person Performing Fire Watch	Printed Name of Permit-Authorizing Individual (PAI)		
Signature of Person Performing Fire Watch	Signature of PAI		
I verify that the above location has been examined, the precautions marked on the following checklist have been taken, and permission is granted for this work.			

HOT WORK PERMIT CHECKLIST

Yes	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	Available sprinklers, hose streams, and extinguishers are in service and operable.
<input type="checkbox"/>	<input type="checkbox"/>	Hot Work equipment is in good working condition in accordance with the manufacturer's specifications.
<input type="checkbox"/>	<input type="checkbox"/>	Special permission obtained to conduct hot work on metal vessels or piping lined with rubber or plastic.
Yes	N/A	REQUIREMENTS WITHIN 35ft (11m) of HOT WORK
<input type="checkbox"/>	<input type="checkbox"/>	Flammable liquid, dust, lint and oily deposit removed.
<input type="checkbox"/>	<input type="checkbox"/>	Explosive atmosphere in area eliminated.
<input type="checkbox"/>	<input type="checkbox"/>	Combustible floors wet down or covered with damp sand or fire-resistive/noncombustible materials or equivalent.
<input type="checkbox"/>	<input type="checkbox"/>	Personnel protected from electrical shock when floors are wet.
<input type="checkbox"/>	<input type="checkbox"/>	Other combustible storage material removed or covered with listed or approved materials (welding pads, blankets, curtains, fire-resistive tarpaulins), metal shields, or non-combustible material.
<input type="checkbox"/>	<input type="checkbox"/>	All wall and floor openings are covered.
<input type="checkbox"/>	<input type="checkbox"/>	Ducts and conveyors that might carry sparks to distant combustible material are covered, protected, or shut down.
Yes	N/A	REQUIREMENTS FOR HOT WORK ON WALLS, CEILINGS OR ROOFS
<input type="checkbox"/>	<input type="checkbox"/>	Construction is noncombustible and without combustible coverings or insulation.
<input type="checkbox"/>	<input type="checkbox"/>	Combustible material on other side of wall, ceilings, or roofs is moved away.
Yes	N/A	REQUIREMENTS FOR HOT WORK ON ENCLOSED EQUIPMENT
<input type="checkbox"/>	<input type="checkbox"/>	Enclosed equipment is cleaned of all combustibles.
<input type="checkbox"/>	<input type="checkbox"/>	Containers are purged of flammable liquid/vapor.
<input type="checkbox"/>	<input type="checkbox"/>	Pressurized vessels, piping and equipment removed from service, isolated, and vented.
Yes	N/A	REQUIREMENTS FOR HOT WORK FIRE WATCH AND FIRE MONITORING
<input type="checkbox"/>	<input type="checkbox"/>	Fire watch is provided with suitable extinguishers and where practical a charged fire hose.
<input type="checkbox"/>	<input type="checkbox"/>	Fire watch is trained in use of equipment, sounding alarm and notification of emergency contacts.
<input type="checkbox"/>	<input type="checkbox"/>	Fire watch is required in adjoining areas or above and below the work area
<input type="checkbox"/>	<input type="checkbox"/>	Per the PAI, fire watch, monitoring of hot work area is required based on the "Construction Factors Table".