


# HOT WORK PERMIT

**STOP!**

**Avoid hot work when possible! Consider using an alternative cold work method.**

This Hot Work Permit is required for any temporary operation involving open flames or producing heat and or/ sparks conducted outside a Hot Work Designated Area. This includes, but is not limited to: brazing, cutting, grinding, soldering, torch-applied roofing and welding.

Instructions for Performing Authority	Required Precautions	
<ol style="list-style-type: none"> <li>Specify the precautions to take.</li> <li>Fill out Page 1 and obtain signature from ORM (leave pg. 1 with ORM).</li> <li>Keep Page 2 at job site until work is complete.</li> <li>Sign off the final check on Page 2, and return permit to the Office of Risk Management.</li> </ol>	Y NA <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	The fire pump is in operation and switched to automatic. Control valves to water supply for sprinkler system are open Extinguishers are in service/operable Hot work equipment is in good working condition  <b>Requirements within 35 ft. (10 m) of hot work</b> <input type="checkbox"/> <input type="checkbox"/> Shield combustible construction using listed Approved welding pads, blankets and curtains. <input type="checkbox"/> <input type="checkbox"/> Remove combustibles or shield nonremovable combustibles using listed Approved welding pads, blankets and curtains. <input type="checkbox"/> <input type="checkbox"/> Isolate potential sources of flammable gas, ignitable liquid or combustible dust/lint (e.g., shut down equipment). <input type="checkbox"/> <input type="checkbox"/> Remove ignitable liquid, combustible dust/lint and combustible residues. <input type="checkbox"/> <input type="checkbox"/> Shut down ventilation and conveying systems. <input type="checkbox"/> <input type="checkbox"/> Remove combustibles and consider a second fire watch on opposite side of floor, wall, ceiling or roof when openings exist or thermally conductive materials pass through. <input type="checkbox"/> <input type="checkbox"/> Is work being performed in a laboratory, confined space, paint booth or on a combustible building assembly [e.g., Torch-Applied Roofing]? If yes, please consult EHS and provide <b>ADDITIONAL REQUIRED PRECAUTIONS</b> below.  <b>Fire watch/fire monitoring the hot work area</b> Times listed are sufficient for majority. Use Table at back of permit for guidance for combustible concealed cavities, roof work or other favorable factors. <input type="checkbox"/> <input type="checkbox"/> Perform a continuous fire watch during hot work. <input type="checkbox"/> <input type="checkbox"/> Perform a continuous fire watch post-work for <input type="checkbox"/> 30 minutes or Other ____ hours. <input type="checkbox"/> <input type="checkbox"/> Perform 3 hour fire monitoring check, if required.
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<b>LOCATION OF WORK (BUILDING/FLOOR/OBJECT)</b>		
<b>WORK TO BE PERFORMED</b>		
<b>NAME OF PERFORMING AUTHORITY OF HOT WORK</b>		
<b>NAME OF PERSON(S) PERFORMING FIRE WATCH</b>		
I verify the above location has been examined, the Required Precautions have been taken, and permission is authorized for this work.		
<b>OFFICE OF RISK MANAGEMENT (PRINT AND SIGN)</b> Name: _____  Signature: _____ Date Issued: _____		
<b>THIS PERMIT EXPIRES ON (LIMIT AUTHORIZATION TO ONE SHIFT)</b> DATE: _____ TIME: _____ AM/PM		
<div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <b>NOTE:</b> Emergency Notification on back of form. </div> <div style="display: flex; align-items: center;">  <div> Owner: Risk Management  Document Number: SF-016-1  Date last revised: 04-25-2019 </div> </div>		<b>ADDITIONAL REQUIRED PRECAUTIONS:</b> _____ _____ _____ _____ _____ _____ _____

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# WARNING

## HOT WORK IN PROGRES!

Watch for fire!

**In case of emergency, call the SMU Police Department at 214-768-3333.**

Dialing 9-1-1 does not directly go to SMU PD.

### Construction and Occupancy Factors for Post-Work Fire Watch and Monitoring Periods

		Construction Factors					
		Noncombustible construction, or approved Class 1 or Class A building materials		Combustible construction without concealed cavities		Combustible construction with unprotected concealed cavities	
		Watch	Monitor	Watch	Monitor	Watch	Monitor
Occupancy Factors	Noncombustible with any combustibles contained within closed equipment (e.g., ignitable liquid within 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
	Manufacturing with moderate to significant combustible loading except as noted below	1 hour	2 hours	1 hour	3 hours	1 hour	5 hours
	Warehousing	1 hour	2 hours	1 hour	3 hours	1 hour	5 hours
	<b>Exceptions:</b> Occupancies with processing or having bulk storage of combustible materials capable of supporting slow-growing fires (e.g., paper, pulp, textile fibers, wood, bark, grain, coal, or charcoal)	1 hour	3 hours	1 hour	3 hours	1 hour	5 hours

When performing torch-applied roofing, apply precautions and conduct at a minimum 2 hours fire watch and 2 hours fire monitoring. If an infrared camera is utilized, reduce to 1 hour fire watch and 1 hour fire monitoring.

When performing hot work on/in equipment containing nonremovable combustible lining or parts, apply additional precautions and conduct a minimum 1 hour fire watch and 3 hours fire monitoring within the equipment, and in the surrounding areas per Table above.



SMU®