

HOT WORK PERMIT - Post at work site for duration

- Seek an alternative/safer method if possible!
- Before initiating hot work, ensure precautions are in place as required by NFPA 51B
- Make sure an appropriate fire extinguisher is readily available.
- 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 (NFPA 51B).

INSTRUCTIONS - Post at work site for duration

1. Hot Work Operator – Examines the site, completes the permit, and performs the hot work.
2. Permit Auditing Individual (PAI) - A trained person who verifies the site and verifies completeness of the permit prior to the work beginning.
3. Fire Watch - Trained person stationed on-site during, and for a minimum of 1 hour after hot work to watch the area for a fire.
4. Fire Monitor - Person or system used to periodically monitor for fires after the fire watch has ended. Note: All Fire Watch and Monitoring activities can be extended based on conditions of work or at the request of the PAI, U-M Fire Marshal, or EHS.

Date: _____ Permit good for one day only Permit Auditing Individual: _____	___ Check if hot work is taking place inside of storage / warehouse space with combustibles and requires an ADDITIONAL two-hour monitoring after 60-minute fire watch
Specific Location: (bldg, floor, room)	Department/Contractor: _____
Nature of Work: _____	Name of Hot Work Operator: _____
Name of Fire Watch During Hot Work: This can not be the operator	Name of Fire Watch Monitoring the space after work is complete: <u>Can</u> be the operator
Hot Work Start Time: _____ AM/PM Hot Work End Time: _____ AM/PM Monitor End Time: _____ AM/PM Permit Completion (Fire Watch Signs that conditions return to normal) _____/_____	Fire Watch Start Time: _____ AM/PM Fire Watch End Time: _____ AM/PM Fire Watch Must be trained to perform fire watch duties in the work area and all adjacent areas to which sparks, and heat might spread

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REQUIRED PRECAUTION CHECKLIST

Avl. sprinklers, hose streams, and extinguishers are in service and operable.
Hot work equipment is in good working condition in accordance with manufacturer's specifications.
Hot work permission obtained for work on metal vessels or piping lined with rubber or plastic.
Smoke and fire detectors / alarms near the hot work are temporarily disabled.
Fire extinguisher is readily available in the hot work area.

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.

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 1 hour 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.
☐ Yes ☐ No Per the PAI/ fire watch, monitoring of hot work area has been extended beyond 1 hour

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