



HOT WORK PERMIT

Facility Services • South 7th and West Grant • Bozeman, MT 59718 • (406)994-2107 • workcontrol@msu.montana.edu

Work Order# _____ Date: _____

Building Name / Location : _____ Floor: _____ Room Number _____

MSU Employee: _____ Phone Number: _____

Description of work to be done: _____

Other Trades Involved: _____

Seek an alternative/safer method if possible!

Before initiating hot work, ensure precautions are in place as required by OSHA 1910.252, NFPA 51B, and ANSI Z49.1. 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
- Soldering
- Brazing
- Thawing pipe
- Cutting
- Torch-applied roofing
- Grinding
- Chemical welding

A permit for *hot work* operations shall not be issued unless the individuals in charge of performing such operations are capable of performing such operations safely. Demonstration of a working knowledge of the provisions of this chapter shall constitute acceptable evidence of compliance within the currently adopted code.

Where the *hot work area* is open to persons other than the operator of the *hot work equipment*, conspicuous signs shall be posted to warn others before they enter the *hot work area*. Such signs shall display the following warning:

CAUTION
HOT WORK IN PROGRESS
STAY CLEAR

***** Please completed the attached site prep checklist *****

HOT WORK CHECKLIST

Location: _____

Work Order Number: _____

- An appropriate fire extinguisher is readily available.
- Available sprinklers, hose streams, and extinguishers are in service and operable.
- Hot work equipment is in good working condition in accordance with manufacturer's specifications.
- Special permission obtained to conduct hot work on metal vessels or piping lined with rubber or plastic.

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-resistant/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-resistant tarpaulins), metal shields, or noncombustible materials.
- All wall and floor openings covered.
- Ducts and conveyors that might carry sparks to distant combustible material covered, protected, or shut down.

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 30 minutes 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.

I verify that the above location has been examined, the precautions marked above have been taken, and permission has granted for this work.

Print Name _____

CAUTION

HOT WORK

IN PROGRESS

STAY CLEAR