

HOT WORK PERMIT

BEFORE INITIATING HOT WORK, CAN THIS JOB BE AVOIDED?
IS THERE A SAFER WAY?

This Hot Work Permit is required for any operation involving open flames or producing heat and/or sparks. This includes, but is not limited to: brazing, cutting, grinding, soldering, thawing pipe, torch applied roofing, welding, hot riveting, heat treating, powder-driven fasteners, and cadwelding.

INSTRUCTIONS

- A. Competent Person to verify Required Precautions are in place (or do not proceed with work).
- B. Complete Permit and retain on-file.
- C. Post Warning Notice on-site.
- D. Fire watch to confirm site is fire-safe.
- E. Remove Warning Notice once complete.

HOT WORK PERFORMED BY:

NIU DEPT: _____
CONTRACTOR: _____

DATE:	WORK ORDER #		
LOCATION/BUILDING & FLOOR & ROOM NUMBER:			
NATURE OF JOB:			
HOT WORK OPERATOR:			
FIRE WATCH:			
I verify a risk assessment of the above location has been performed, the precautions checked on the Required Precautions Checklist have been implemented to prevent fire, and permission is authorized for this work.			
SIGNED: COMPETENT PERSON			
PERMIT EXPIRES	DATE	TIME	A.M. P.M.
Permit-required area and adjacent areas to which sparks and heat may have spread were monitored for 60 minutes following hot work and found to be fire-safe.			
SIGNED: FIRE WATCH			
FIRE WATCH EXPIRES	DATE	TIME	A.M. P.M.

REQUIRED PRECAUTIONS CHECKLIST

- Available sprinklers, extinguishers and other fire protection equipment are in service/operable.
- Hot work equipment in good repair.
- Submit impairment including notifying Electrical Shop 24 hours in advance if fire protection equipment needs to be temporarily impaired.

Requirements within 35 feet of work

- Flammable liquids, dust, lint and oily deposits removed.
- Explosive atmosphere in area eliminated.
- Floors swept clean.
- 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.
- All wall and floor openings covered.
- Fire resistant tarpaulins suspended beneath work.
- Protect or shut down ducts/conveyors that might carry sparks to distant combustibles.

Work on walls, ceilings, or roofs

- Construction is noncombustible and without combustible covering or insulation.
- Combustibles on other side of walls, ceilings, and roof moved away.
- Prevent conduction of heat onto adjacent areas.

Work on enclosed equipment

- Enclosed equipment cleaned of all combustibles.
- Containers purged of flammable liquids/vapors.
- Pressurized vessels, piping and equipment removed from service, isolated and vented.

Fire watch/hot work area monitoring

- Fire watch will be provided during and for 60 minutes after work, including any coffee or lunch breaks. Fire watch may be extended to 2 hours for roof work.
- Fire watch is supplied with suitable extinguishers, and where practical, charged small hose.
- Fire watch is trained in use of emergency equipment and in sounding alarm.
- Fire watch may be required for outdoor hot work especially during "fire weather" (dry, dusty, and windy) conditions and/or near combustible vegetation.
- Means (i.e. radio/cell phone) to call **911** for emergency.

Other precautions taken including but not limited to:

- Confined space entry permit completed.
- Lockout/tagout procedure completed.
- Ample ventilation to remove smoke from work area.
- Appropriate personal protective equipment available for use