

hsc HOT WORK PERMIT

All temporary operations involving open flames or producing heat and/or sparks require a Hot Work Permit. This includes, but is not limited to Brazing, Cutting, Grinding, Sweating, Soldering, Thawing, and Welding.

INSTRUCTIONS

1. Verification below is to be completed by a qualified UNTHSC employee.
2. The completed original is to be filed at FMB Utilities and Energy Management Department.
3. Permit request must be submitted 24 hours before work is started.

Hot work being done by:

- UNTHSC Employee
- Contractor _____

Date: _____ Time: _____

Location: _____

Nature of the Job: _____

I verify the above location has been examined, the precautions checked on the Required Precautions Checklist have been taken to prevent Fire, and permission is authorized for work.

HSC Signature: _____

Contractor Signature: _____

THIS PERMIT IS ONLY GOOD FOR ONE DAY!

This permit must be return to the Fire Safety Program Manager or their delegate.

Fire Alarm in affected area Disabled: YES NO

Date: _____ Time: _____ Initials: _____ Fire

Alarm in affected area Re-enabled: YES NO

Date: _____ Time: _____ Initials: _____

Fire Suppression in affected areas Drained: YES NO

Date: _____ Time: _____ Initials: _____ Fire

Suppression in affected areas Filled: YES NO

Date: _____ Time: _____ Initials: _____

REQUIRED PRECAUTIONS CHECKLIST

- 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 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.

EMERGENCY- CALL 817-735-2600

Return Permit to EH&S office or email to Safety@unthsc.edu