

Rice University

HOT WORK PERMIT

This Hot Work Permit is required for any temporary operation involving open flames or producing heat and/or sparks. This includes, but is not limited to: brazing, cutting, grinding, and soldering, thawing pipe, torch applied roofing, and welding. (References: 2000 International Fire Code Chapter 26, and National Fire Protection Association Standard NFPA 51B.)

INSTRUCTIONS

- A. Verify precautions listed at right (or do not proceed with the work).
- B. Complete form and get necessary signatures
- C. Post at work site.

HOT WORK BEING DONE BY:

- F&E CONTRACTOR:

PERMIT ISSUED	DATE:	TIME	
			A.M. P.M.
LOCATION/BUILDING & FLOOR:			
NATURE OF JOB:			
NAME OF PERSON DOING HOT WORK:			
COMPANY NAME			
PHONE #			
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 this work.			
SIGNED (Project Manager or Environmental Health & Safety rep):			
PERMIT EXPIRES	DATE	TIME	
			A.M. P.M.

- **A fire watch shall be provided during hotwork activities and shall continue for a minimum of 30 minutes after the conclusion of the work.**
- **The fire watch shall include the entire hot work area and if necessary, adjoining floors/areas.**
- **Hot work conducted in areas with vertical or horizontal fire exposures that are not observable by a single individual shall have additional personnel assigned to fire watches to ensure that exposed areas are monitored.**

REQUIRED PRECAUTIONS CHECKLIST

- Available sprinklers, hose streams and extinguishers are in service/operable.
- Hot Work equipment in good repair.
- Special precautions taken to avoid accidental operation of automatic fire detection systems

Requirements within 35 ft. (11m.) 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-resistive 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.

Work on walls or ceilings

- Construction is noncombustible and without combustible covering or insulation.
- Combustibles on other side of walls moved away.

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 30 minutes after work, including any coffee or lunch breaks.
- Fire watch is supplied with suitable extinguishers.
- Fire watch is trained in use of this equipment and in sounding alarm.
- Fire watch may be required for adjoining areas above and below.