

# SUNY ESF Hot Work Permit

A Hot Work Permit must be issued prior to any Hot Work being conducted on ESF property by any person, employee, or contractor. Hot work is any operation that generates heat, spark or open flame. This includes, but is not necessarily limited to welding, cutting, brazing, grinding, soldering, thermal spraying, thawing pipe, torch applied roofing, heat gun use and similar activities.

**Before initiating Hot Work, determine if there is a safer way to complete the work.**

Permit Valid From Date: \_\_\_\_\_ Time: \_\_\_\_\_ To Date: \_\_\_\_\_ Time: \_\_\_\_\_

Location Description: \_\_\_\_\_

Type of Hot Work:  Soldering  Welding  Cutting  Roofing  Other \_\_\_\_\_

Hot Work Precautions Check List: Complete prior to any hot work beginning in any area, including outdoors. Check each box where the statement is true. If any statements are not true, then hot work should not begin until that issue has been safely resolved.

### Required Safety Precautions:

- Fire suppression sprinklers, fire hoses or fire extinguishers (minimum 2-A:20-B:C) rating are available and operable.
- Hot work equipment is operable and in good repair.
- Smoke/fire detectors in the immediate area of the hot work have been temporarily disabled until the hot work is complete. (Notify Phys. Plant x6588)
- Building occupants have been protected or isolated from the hot work area.
- Drums, barrels and tanks have been cleaned and purged of flammables and toxics, all tank feeds are closed, and the tank is vented.
- Work area is NOT a Confined Space. (See definition in policy.)

### Requirements within 35 feet when flame, sparks or slag are created:

- Area within 35 feet of the work area has been properly swept to remove any combustible debris.
- Flammable and ignitable materials and debris have been moved at least 35 feet from the hot work area or covered and protected with fire resistant materials.
- Cracks or holes in floors, walls and ceilings (including ductwork) are covered or plugged.
- Combustible construction covered with fire-resistive material.

### Requirements within 50 feet when flame, sparks, or slag are created:

- Explosives, compressed gas cylinders or stored fuel have been moved at least 50 feet from the hot work area or have been protected from the hot work.

### Work on walls or ceilings:

- Construction is noncombustible and has no combustible covering or insulation.
- Areas adjacent to walls being worked on are checked for combustibles and any combustibles are either removed or protected.

### **Fire Watch required during Hot Work and a minimum of 30 minutes following completion of work.**

Yes \_\_\_\_\_ No \_\_\_\_\_ Name: \_\_\_\_\_

*A Fire Watch is needed for all Hot Work activities unless the Hot Work area has no fire hazards or combustible exposures. The Fire Watch must have fire extinguishing equipment readily available and be trained in its use. The Fire Watch must also be familiar with the procedures for sounding an alarm in the event of a fire. The Fire Watch will watch for fires in the exposed areas and is responsible for extinguishing spot fires and communicating alarms immediately. The Fire Watch may be assigned other work duties while in the hot work area; however, he/she must be vigilant in watching for fires.*

### When work is completed and area is returned to its original condition (Initials):

- \_\_\_\_\_ Inspected work area, and any potentially affected surrounding areas, for fire, fire damage, or potential for fire.
- \_\_\_\_\_ Reactivated smoke/fire detectors that were disabled because of the Hot Work.

I verify that the above location has been examined and the necessary precautions have been taken to prevent the outbreak of fire due to Hot Work.

Employee or Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Trained Supervisor or EHSO Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**This Permit is valid only for the period issued – up to 30 days maximum**

Post This Permit Near Worksite

**In case of FIRE call 470-6666**

No Hot Work in Confined Spaces without prior Environmental Health & Safety Officer (EHSO) approval.  
Supervisors shall keep completed permit for at least 48 hours after permit has expired.