



## Hot Work Safety Program

### Hot work covered by the permit

- Brazing
- Welding
- Torch cutting
- Grinding
- Torch soldering

### Permit Process

1. Project has been approved by the Physical Plant Director
2. The person who is performing the hot work ensures the area around the hot work is in compliance with the safety requirements of the hot work permit.
3. The person performing the work contacts the **Physical Plant Director at 952-358-8595** (952-358-8110 if the Physical Plant Director is not available) and a Campus Public Safety Officer in the **Security Department at 952-358-8280**.
4. The Physical Plant Director, Building Services Foreman or the Safety Program Supervisor will walk through the hot work site to verify safety compliance.
5. A determination will be made regarding the necessity of a fire watch and who will perform that role.
6. If all permit safety guidelines are met, the permit will be signed by the Physical Plant Director, Building Maintenance Foreman or the State Program Supervisor.

### Safety Requirements

#### 35' Rule

- ❖ All Flammable and combustible material within 35" must be removed
- ❖ If the flammable and combustible material cannot be moved, they must be covered with a flame retardant tarp and a fire watch must be posted
- ❖ All openings or cracks in the floor, walls or ducts that are potential travel passes for sparks, heat and flame must be covered



- ❖ Floors and surfaces within a 35' radius must be swept free of combustible material, dust or debris
- ❖ Torch soldering

### **Fire detection and Suppression**

- ✚ A fire extinguisher must be readily available
- ✚ Entire Building smoke detection and alarm systems cannot be shut off. Smoke detectors in the area may be covered during the time that the work is being performed to prevent false alarms.
- ✚ Automatic sprinkler systems may not be shut down to perform hot work. An individual sprinkler head may be covered with a wet rag to prevent accidental activation.

A firewatch must be posted before any work can begin if the following conditions exist:

- Combustible materials cannot be removed from within a 35' radius of the hot work.
- Wall or floor openings within a 35- foot radius expose combustible materials in adjacent areas, including concealed spaces in walls or floors.
- The fire watch should remain in place for 30 minutes following the welding or burning has stopped.

### **General Guidelines**

- ✓ Work should be performed using alternative method to hot work whenever possible.
- ✓ The permit is valid for 1 day
- ✓ A copy of the permit will be kept by Building Services for 6 months

*Review 5/11/2015*