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**Supersedes:** New

## **Hot Work**

### **Purpose**

The purpose of this plan is to ensure workers safety while they are performing duties that produce sparks or other ignition sources. By taking the extra precautions outlined in this plan, employees will greatly reduce the risk of being injured while performing their hot work duties.

### **Application**

Anyone who performs welding, cutting, brazing, or any duty that produces a spark will have to follow this plan, which includes completely filling out a hot work permit, and making the determination on if a fire watch is needed.

Hot work permits can be obtained from the EHS office.

### **Fire watch**

A fire watch is required whenever any one of the following conditions exist...

- More than a minor fire may develop
- Combustible material is closer than 35 feet to the point of operation
- Combustible material is more than 35 feet away, but is easily ignited by sparks
- Wall or floor openings within a 35 foot radius expose combustible material in adjacent areas
- Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation

Firewatcher's duties:

- Have fire extinguishing equipment available and ready for use
- Be trained in using the fire equipment
- Know where to go to sound an alarm in case of an emergency
- Watch for fires and only extinguish them if it is within their capability.
- When a fire is beyond their capability, they need to sound an alarm
- Watch for fires for at least a half hour after the completion of hot work