

# HOT WORK CUTTING, WELDING, and HEAT SOURCE

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Eastern Illinois University

## Permit For Hot Work with Portable Equipment

Date \_\_\_\_\_ Building \_\_\_\_\_

Dept. \_\_\_\_\_ Room and Floor \_\_\_\_\_

Time \_\_\_\_\_

Description of Work to be done \_\_\_\_\_

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Special precautions \_\_\_\_\_

The location where this work is to be done has been examined, the pre-work checklist was reviewed and necessary precautions taken, and permission is granted for this work.

Permit expires \_\_\_\_\_ At the end of each shift if not sooner.

Time Started \_\_\_\_\_ Completed \_\_\_\_\_ Time \_\_\_\_\_

- ★ Released fire alarm system to Electrical Shop after completion
- ★ Long term outage of fire alarm system required notification of outage to University Police Department and building occupants
- ★ If a fire occurs the fire watcher shall call CCOM 911 for reporting the fire and starting evacuating the building
- ★ Supervisor \_\_\_\_\_ Date \_\_\_\_\_

(Supervisor who responsible for authorizing hot work)

Name of Repairperson \_\_\_\_\_

Name of Fire Watcher \_\_\_\_\_

Work area and all adjacent areas to which sparks and heat might have spread (Including floors above and below and on opposite side of wall(s) were inspected 30 minutes after the work was completed and were found fire safe. FPM – Electrical Shop has been notified to reactivate the fire alarm system in the area.

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## Pre Hot Work ---Check list

### Attention

Before approving any Hot Work permit, the Repair Department' repairperson shall inspect the work area and confirm that precautions have been taken to prevent fire in accordance with NFPA 51 B.

- Call Work Control of you activity

### Precautions

- Cutting and welding equipment in good repair
- Portable fire extinguisher must be located such that it is immediately available.

### Within 35 feet of work

- Floors swept clean of combustibles
- Fire resistant shields (fire retardant plywood, flameproof tarpaulin, metal, etc.) must cover combustible floors and materials.
- No combustible materials or flammable liquids
- All wall and floor openings covered

### Work on walls or ceilings and roof

- Combustibles moved away from opposite side of wall

### Work on enclosed equipment (tanks, containers, ducts, dust collectors, etc.)

- Need to meet Confined Space requirements
- Equipment cleaned of all combustibles
- Containers purged of flammable vapors

### Fire Watch

- Call for Fire Watch personnel to be provided
- To be provided during and 30 minutes after operation
- Trained in used of fire extinguisher equipment
- Start evacuating the building

***Each checkpoint must be initialed by repairperson or supervisor.***