

**WELDING, CUTTING AND BRAZING
SAFETY**

Effective date: 05/97
Revision date : 04/10
Review date: 12/12

Policy:

To provide a fire safe environment when welding, cutting and brazing in all LSUHSC facilities by LSUHSC employees or contractors.

Prevailing Codes and Standards:

LSUHSC Hospital Safety Manual and Risk Management

Procedure:

- I. Before cutting or welding is permitted by employees or contractors:
 - A. The area shall be inspected by an authorized LSUHSC Physical Plant employee: Director, Assistant Director, Facility Maintenance Manager 3, or Utilities Plant Superintendent or Operating Engineer Foreman 2 if within the power plants.
 - B. A "Certification & Permit" form will be issued as authorization to proceed.
 1. Original Permit maintained in Physical Plant Administration (or power plant office).
 2. Copy of Permit available on job site.
 3. Copy of Permit faxed to Safety Office when issued.
- II. If object to be welded cannot be moved:
 - A. Remove all moveable fire hazards in the vicinity to a safe place.
 - B. If fire hazards cannot be removed, use guards to confine the heat, sparks and slag.
 - C. Disconnect or cover smoke detector in immediate vicinity.
- III. When there are openings or cracks in the flooring that cannot be closed, precautions shall be taken so that no readily combustible materials on the floor below will be exposed to sparks that could drop through the cracks. The same precautions shall be observed with regard to cracks or holes in walls.
- IV. A designated fire watcher is required when welding or cutting is performed in locations where a fire might develop.
 - A. Fire watchers will have fire extinguishers readily available and be trained in its use.
 - B. Fire watchers shall be familiar with facilities for sounding alarms in the event of a fire.
 - C. The fire watch shall be maintained for at least a half hour after completion of welding or cutting.

CERTIFICATION & PERMIT
Welding, Cutting and Brazing

In accordance with LSUHSC Fire Prevention & Protection Policy, permission is granted to _____, a representative of _____ for work to be done on the interior of the LSUHSC facilities on _____ (date) at _____ (location).

CHECKLIST

- _____ Work area has been inspected.
 - _____ Fire hazards and combustible materials removed or protected.
 - _____ Fire extinguisher full and on standby.
 - _____ Fire watcher designated and standing by.
 - _____ Smoke Detectors have been covered.
- Other precautions: _____

Permit granted

by: _____ Date: _____

Personnel authorized to issue permits:

Within the confines of the hospital, medical school and clinics – Mark Jusselin, Sean Smith, George Kalmbach, Keith Acker, Ernie Smoak, & Zack Crooks

Within the confines of the power plants - Ernie Smoak, Randy Free

Permit shall be maintained on file in the Physical Plant administration office for hospital, and in the plant office for power plant. A copy of each permit shall be faxed to the LSUHSC Safety Office when permit is issued. (Fax # 5-4544).