

SAFETY INFORMATION SHEET

WELDING

WHAT THIS SHEET APPLIES TO

Technicians using any welding device.

RISKS INCLUDE

Burns, electrocution, fire hazard, respiratory problems, severe eye damage – including blindness.

GUIDELINES, RULES, & PROCEDURES

1. All non AWS Certified persons intending to weld must obtain approval by the Production Manager, or Technical Directors and attending Welding and Fire Extinguisher Training sessions offered by the Department of Theater & Dance.
 - Have the Fire Watch ready with appropriate fire extinguisher.
 2. At least two people are required: one to operate the welding equipment and the other to serve as a Fire Watch.
 - Make sure the area is well ventilated. In the Scene Shop, turn on the exhaust fan (use high setting).
 3. Prior to welding, inspect all equipment, protective clothing and hoods for damage.
 - Make sure there is no standing or running water near welding operations.
 4. The person responsible for welding must prepare work area in the following way:
 - Always keep a spray bottle of clean water available for dousing embers.
 5. A Fire Watch must actively look for spark fires during welding operations and must remain in the space, looking for fire, at least 1 hour after welding has ceased.
 6. Welder and Fire Watch must be aware of the first-aid kit, fire extinguisher, and fire alarm pull box locations.
 7. See also the *Safety Information Sheets* entitled "Clothing & Personal Protection" and "Fire Protection & Fire Safety".
- Thoroughly sweep and vacuum all wood dust. (This is especially important in the Scene Shop). Mop if possible.
 - Lay down masonite or other approved protective floor covering when welding is to take place on a flammable substrate.
 - Set up approved welding screens and warn others working nearby of potential danger to their vision by sounding off "eyes".

FOR FURTHER UNDERSTANDING

EMERGENCY- Contacts: CSB Security at 5000 or 9-911. SJU Life Safety at 911 or 2144

To report injury that occurred while working for compensation, supervisor/employee use the [incident report form](#) and submit completed report to Human Resources, preferably within 24hours.

To report injury that occurred at non-compensated work e.g. Class activity, supervisor/student use the [academic injury report form](#) and submit completed report to Environmental Health & Safety office.