



SAFETY INFORMATION SHEET

WORKING WITH ELECTRICITY

TO WHAT AND TO WHOM THIS SHEET PERTAINS

Anyone working in the Theatre spaces in CFSU

RISKS OR CONSEQUENCES

Electrical shock, fire, disability and damage to equipment or facility

BEST PRACTICES, RULES & PROCEDURES

- Only campus electricians should remove or modify covers or plates from electrical circuit panels or boxes, dimmer racks or any other high voltage equipment.
- Only properly trained and authorized persons/students are allowed to work with stage lighting equipment and electrical equipment.
- Report all electrical problems or needed repairs to the Technical Director first and if in an emergency situation call 8-2100 and report it to Facilities.
- All tools and lighting equipment must be UL listed and in proper working order.
- All AC circuits, stage circuits, tools and stage lighting equipment must be grounded. With the exception of double insulated tools that need not be grounded.
- Never bypass a circuit breaker or fuse. These devices protect people and equipment from harm.
- Use only properly grounded extension cords. If any cord has a prong missing mark it "OUT OF SERVICE" and give it to the Technical Director to fix.
- Examine all equipment before you use it, if there is a fault in the wiring or construction do not use it. Report the fault to the Technical Director or instructor you are working with.
- Never overload a circuit or dimmer. Use the formula roughly 100 watts = 1 AMP. (Example for 15 amp circuit ; 1500 watts = 15 amps)
- Never use power tools near water. Never work on electricity near water.
- Report any and all unsafe conditions to the Technical Director.

FOR FURTHER STUDY

Scene Design and Stage Lighting by W. Oren Parker, R. Craig Wolf, and Dick Block (**Hardcover** - May 15, 2008)

Basic Electricity - Paperback (Jun 1, 1970) by Bureau of Naval Personnel