



## LIGHTING PRODUCTION

### WHAT THIS SHEET APPLIES TO

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Anyone using the theatrical lighting systems in Strider Theater or the Cellar Theater.

### RISKS INCLUDE

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Electrical shock, falls, and overexertion.

### GUIDELINES, RULES, & PROCEDURES

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- Only properly trained and authorized persons are allowed to work with stage lighting equipment and electrical equipment.
- Only properly trained and authorized persons are allowed to use the JLG lift, ladders, and fall protection equipment. See also the *Safety Information Sheet* entitled "Fall Protection—Lighting".
- All stage lighting equipment must be properly maintained and regularly inspected.
- Always unplug lighting units BEFORE opening to check the condition of a lamp.
- Never touch the glass on a stage lamp with your fingers. Grease will be deposited on the lamp and lead to lamp failure.
- When hanging or unhooking lighting units in Strider Theater the approved procedures MUST be followed by trained and authorized personnel. See also the *Safety Information Sheets* entitled "Fly System Operation" and "Fly System Loading & Unloading".
- All lighting units must be hung with an approved safety cable and hanging hardware must be tightened.
- Test all stage lighting units, cables, and circuits during the hang.
- No other work should happen on stage in the area where lighting units are being hung, unhooked, or focused.
- When working on hazardous equipment (e.g. a patch panel, a dimmer rack) always work in pairs.
- Remove contents of pockets before using the lift, catwalks, or ladders.
- Stage lighting units become very hot with use. Gloves are available in the Tool Room for focusing.
- Wash hands and forearms after each work call (the cords on most lighting units are covered with a fiberglass material which can irritate the skin).

### FOR FURTHER UNDERSTANDING

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Parker, W. Oren, R. Craig Wolf, and Dick Block, *Scene Design and Stage Lighting*, 9<sup>th</sup> ed., New York: Wadsworth Publishing, 2008.