LIGHTING TRAINING

Proper procedure for hanging a lighting instrument (a two person job)

1. Position the ladder for safe access to the lighting grid, allow room for the instrument . Be careful not to hit already hanging instruments as you move the ladder.

2. Verify the circuit is dead. Communicate clearly with the Dimmer Controller Operator assisting you on the floor.

3. Hook the instruments C-clamp over the lighting grid pipe.

4. Finger tighten the bolt on the C-clamp.

5. Turn the bolt about half a revolution with a wrench until it is snug. You don't need to crank on the bolt and fuse it to the pipe.

6. Loop the safety chain (or cable) through the instrument yoke, around the pipe and fasten. **Every light must have a safety chain, no exception!**

7. **Verify the circuit is dead!**

8. Connect the instruments pig-tail cable into the designated lighting grid pig-tail power cable. **Never hot patch a light**. Always make sure the circuit is not energized on the dimmer control screen. Once the pig tails have been connected, tell the board operator to fade up the light. You are then ready to focus the light. **Catuion:** the instrument will get hot very quickly when on.

Proper procedure for focusing a spotlight is:

1. Open up the barndoors and remove any foil, scrim, gel, and diffusion.

2. Adjust the tilt & pan, and spot the light all the way in to aim the instrument. The shadows produced should be the darkest, harshest possible if it is correctly aimed.

3. Tighten the pan lock so that the instrument will not swing to the right or left.

4. Flood the light out to the desired intensity (advanced students should use a light meter to measure footcandles).

5. Adjust the barndoors to block the light off any area you don't want illuminated. If there is "spill" which cannot be controlled by the barndoors, it may be necessary to use foil or further flag the instrument to block the unwanted light.

I have been trained on studio lighting procedures, and informed of the studio safety protocols. All of the above items have been discussed with me.

Name_____   Date_____

Trainer_____