



SAFETY INFORMATION

SCENE SHOP – POWERED HAND TOOL SAFETY

APPLICABLE TO:

All persons working in the Scene Shop or doing related work in a specific performance space.

RISKS AND/OR CONSEQUENCES INVOLVED:

Broken bones, dismemberment, loss of sight, eye injuries, electric shock, scrapes, cuts, bruises, permanent or temporary hearing damage, splinters, being struck by projectiles, dust exposure and potentially death.

GUIDELINES, RULES AND PROCEDURES:

- No one is permitted to operate any power tool without training and authorization.
- All tool users must be trained, certified, and proven competent in the use of the tool.
- Always wear eye/face protection, and hearing protection and dust masks when appropriate.
- Each power tool has its own set of safety rules. Make sure you read the instructions of the tool before using.
- Inspect tools, power cords and electrical fittings for damage BEFORE use. Never use a damaged tool.
- Always make sure that the switch is OFF before plugging in any power tool.
- Never bypass the switch by connecting and disconnecting the power cord.
- Never use electric tools in wet conditions or damp locations.
- Never clean tools with flammable or toxic solvents.
- Never operate tools in an area containing explosive vapors or gases.
- Make sure the ground connection is functional (if designed with a ground).
- Never carry the tool by the cord.
- When disconnecting from power, always pull the connector, not the cord.
- Understand the way the action of the tool will move the material and the tool itself.
 - Always keep the power cord away from the cutting path—you do not want to cut through the cord.
 - Always keep hands and body parts away from the cutting path.
- Allow tool to reach full speed before using.
- Never leave a tool running. Wait until the tool stops moving before walking away.
- Never cut towards you when using a cutting tool.
- Pneumatic Tools:
 - NEVER point tool towards yourself or anyone else.
 - Never depress trigger unless the nose piece of the tool is on the work surface.
 - Never carry by the hose.
 - Never carry with the trigger depressed. Handle as if it is loaded with fasteners.
 - Always disconnect before reloading.
- Types of tools that may be used: Drill guns (powered and battery), portable saws (circular, sabre, jig, sawzall), sanders (belt, palm), pneumatic (stapler, nailer, ratchet, blowers), grinders, and routers.
- Always ask your supervisor or instructor if you have any questions or concerns.

REFERENCES:

The Center for the Arts, University at Buffalo, “Scene Shop Safety Manual”, May 3, 2010
Loyola University, Chicago, Department of Fine and Performing Arts, Safety Information Sheet
CSULB Theatre Arts Department, Scene Shop

EMERGENCY ☎: 911