

POWER TOOLS SAFETY

Power Tools Safety Rules

- 1 Wear Personal Protective Equipment (PPE) such as safety glasses, safety goggles, face shields, gloves and proper clothing as appropriate.
 - 2 Do not operate power tools without the instructor's permission.
 - 3 Do not wear loose clothing or jewelry when operating power tools. Long hair must be tied back.
 - 4 Keep guards in place and follow lockout/tag-out procedures.
 - 5 Know the purpose of each tool you use, and use each for the specific task it was designed to do.
 - 6 Always use two hands on the tool when operating. Clamp work piece to a solid surface; do not attempt to hold work piece with hand or foot.
 - 7 Unless it's designed for it, never use a portable electric tool where there are flammable vapors or gases present.
 - 8 Electrical cords must be in good condition; report any broken, damaged or bare cords. Keep cords away from heat, oil, and sharp edges
 - 9 All power tools must be effectively grounded and/or be of the double insulated type.
 - 10 Never use power tools in damp or wet locations or if the worker is perspiring. Moisture helps electricity flows more easily through the body.
 - 11 Rubber gloves and footwear are recommended when working outdoors in damp conditions.
 - 12 Never carry a tool by its cord, or pull the cord to disconnect it from a receptacle. Never carry a plug-in tool with your finger on the switch.
 - 13 Unplug tools before replacing any broken, dull or damaged bits or blades.
 - 14 Be careful not to overreach. Keep your balance and proper footing when working with power tools.
 - 15 When you have completed an operation with a power tool, switch it off and lay the tool down in a safe manner after it stops. Keep the rotating blade or bit away from your legs and body.
 - 16 Keep floor around work area clean.
- Be sure the power switch for a portable tool is "off" before plugging it in.

AT ALL TIMES – IF IN DOUBT, SEE YOUR INSTRUCTOR

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HAND/POWER TOOLS DATA SHEET

General Conditions

Students must be trained on the safe use with **Shop Hand and Power Tools** before they may begin working with them. The student must demonstrate to the teacher proficiency and the safe work procedures that must be followed before usage.

Personal Protective Equipment

- Safety glasses

Possible Risk Factors

- Eye injury
- Projectiles
- Hand injuries
- Cuts and abrasions
- Entanglement
- Electrocutation

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