

# THE FACTS

## On Power Tools

**Power Tools** are tools that are actuated by an additional power source and mechanism. The types of power tools are determined by their power source: electric, pneumatic, liquid fuel, hydraulic, and powder-actuated. Power tools are used in many areas across campus and have the potential to cause serious harm if not used properly.

### HAZARDS

- Cuts
- Abrasions
- Amputations
- Punctures
- Eye injuries
- Electric shock/Electrocution

Hazards may not only affect the person using the tool, but also those close by. Always have control of the tool and use the tool for what it is intended for.



## OCCUPATIONAL AND ENVIRONMENTAL SAFETY

### SAFETY TIPS

1. Never carry a tool by the cord.
2. Use and keep any guards that came with the tool.
3. Never yank the cord to disconnect it from the receptacle.
4. Keep cords away from heat, oil, and sharp edges.
5. Disconnect tools when not in use, before servicing, and when changing accessories such as blades, bits, etc.
6. Avoid accidental starting. Do not hold fingers on the switch button while carrying a plugged-in tool.
7. Use proper personal protective equipment such as gloves, safety glasses, hearing protection, and appropriate safety footwear when using power tools.
8. Store power tools in a dry place when not in use.
9. Do not use electric tools in damp or wet locations unless they are approved for that purpose.
10. Keep work areas well lit and ventilated when operating power tools.
11. Ensure that cords do not present a tripping hazard.
12. Ensure all cords are in good condition before using the tool.
13. Inspect tool before using to ensure it is not damaged.
14. Remove all damaged tools from use and tag them: "Do Not Use."
15. Use grounded, double-insulated tools.
16. Be sure to keep solid footing and maintain balance while operating tools.
17. Keep observers at a safe distance.
18. Complete required tool training and demonstrate proficiency before unsupervised use.
19. Follow manufacturer's instructions for proper maintenance and care of the tool.

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