

# Safety

## Power Tools Safety

*Safety education must be an integral part of technology/engineering education. In order to prevent injury to students and teachers, good safety habits, practices and attitudes can best be acquired through a carefully planned and implemented safety education program.*

*This and other safety guidelines should not be construed to be an answer to all safety problems. They should be recognized as a vehicle for improving safety instruction and for building a strong safety program designed to instill positive attitudes toward safety— an important aspect of the education of every child.*

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### Safety Rules for Power Equipment

1. Do not operate any machine until you have received proper instruction, fully understand how to operate it, and have received the instructor's permission to use it.
2. Wear proper eye protection devices when in potential hazard areas.
3. Have your instructor check your work setup.
4. Check and make all adjustments before turning on the power.
5. Make sure other persons are clear before turning on the power.
6. Guards must be in place and function properly.
7. Start and stop your own machine and remain with it until it has come to a complete stop.
8. Only one person should operate a machine unless the operation requires a helper.
9. Do not leave a running machine unattended.
10. Disconnect electrical power before oiling and cleaning.
11. Allow a safe distance between your hands and blades, cutters or moving parts. Keep fingers in such a position that there is no danger of their slipping into the cutter or moving parts.
12. Keep machines clear of tools, stock and other items.
13. Keep the floor around machines clear of liquids, scraps, tools and material.
14. Give the machine your undivided attention while you are using it. Do not look away to talk to others.
15. Never lean or lounge on any machine.
16. Do not use extension cords for permanent connections.
17. Notify your instructor of any breakage or malfunction.
18. Allow all machines to come to a complete stop before removing work or making a new setup.

*Excerpted from: Pennsylvania Department of Education; Industrial Arts Association of Pennsylvania; PA Industrial Arts Safety Guide*