

Basic Shop Safety - Final Assessment

Directions:

Answer the following questions.

1. Briefly define safety.
2. What devices should be worn for protection by anyone working in the shop?
3. Name the three primary types of protection required when working in the shop.
4. What designation appears on the frames of industrial quality safety glasses?
5. What percentage of all shop injuries occur to the eyes?
6. What safety device should be worn when there is danger of fragments being thrown?
7. Name the two most common types of hearing protection devices.

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8. Name the two factors which influence the extent of hearing damage.

9. Name the four common types of potential shop hazards.

10. What device senses short circuits and stops electrical flow when ground faults occur?

___ 11. How should flammable materials be stored?

- a. in safety cans
- b. in cabinets designed for storing flammable materials
- c. in glass bottles
- d. a and b

___ 12. Where can you find handling and emergency information on chemicals used in the shop?

- a. an encyclopedia
- b. material safety data sheets
- c. your chemistry book
- d. a and c

___ 13. Which of the following are fire hazards commonly found in the shop?

- a. sawdust
- b. lumber scraps
- c. oily rags
- d. all of the above

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- ___ 14. Which of the following is not a basic emergency procedure?
- a. check the scene
 - b. call for help
 - c. call the victim's relatives
 - d. provide basic care
- ___ 15. What should you do to stop bleeding of a cut or abrasion?
- a. apply direct pressure
 - b. flush with water
 - c. induce vomiting
 - d. all of the above
- ___ 16. What should you do if chemicals are splashed into a person's eyes?
- a. apply direct pressure
 - b. flush with water
 - c. call an optometrist
 - d. all of the above
- ___ 17. What should you do if chemicals are splashed on a person's skin?
- a. stop the burn process
 - b. remove saturated clothing
 - c. flush with water
 - d. all of the above
- ___ 18. What should you do if a penetrating eye injury occurs?
- a. apply direct pressure
 - b. immobilize uninjured eye
 - c. flush with water
 - d. all of the above
- ___ 19. What should you do if a person breaks an arm?
- a. apply direct pressure
 - b. immobilize the arm
 - c. keep the person calm
 - d. b and c
- ___ 20. What should you do to treat a severe burn?
- a. apply petroleum jelly
 - b. cover with clean, dry cloth
 - c. flush with water
 - d. all of the above

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Answer the following questions.

1. Briefly define safety.
the condition of being safe from risk or danger
2. What devices should be worn for protection by anyone working in the shop?
Personal Protection Equipment
3. Name the three primary types of protection required when working in the shop.
eye, hearing, clothing
4. What designation appears on the frames of industrial quality safety glasses?
Z87
5. What percentage of all shop injuries occur to the eyes?
15 percent
6. What safety device should be worn when there is danger of fragments being thrown?
clear face shield
7. Name the two most common types of hearing protection devices.
ear muffs and ear plugs

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8. Name the two factors which influence the extent of hearing damage.
intensity or loudness; duration or length of exposure

9. Name the four common types of potential shop hazards.
mechanical, chemical, electrical, fire

10. What device senses short circuits and stops electrical flow when ground faults occur?
ground fault circuit interrupter

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