Chapter 2 Electrical Motor Controls

1. What are the two main types (according to the text) of screw drivers?
2. What is the problem with using ferrous metal (iron or steel) hand tools in an area where there are flammable gasses?
3. What should be done with a screwdriver with a worn or broken handle?
4. Which pliers (according to the text) are typically used to tighten box connectors?
5. Which pliers do tradespersons use for tightening box connectors? Which pliers are used for making loops and positioning small objects?
6. Which pliers are typically used for twisting wires?
7. What is another term for locking pliers?
8. What are some types of pipe wrenches?
9. What type of wrench is typically used for tightening large conductors in panels? What are the two types of wrench sizes?
10. What is the term used to describe a striking or splitting tool with a hardened head fastened perpendicular to the handle?
11. What are three types of hammers?
12. Which hammer is designed for striking chisels and punches?
13. Which hammer is used for driving ground rods?
14. What materials are typically used for fuse pullers?
15. What other functions are performed by a combination wire stripper?
16. What are the two main types of pipe vise?
17. What are some materials used for fish tapes?
18. Which type of fish tape is recommended when fishing wires into a live panel?
19. What is the maximum size PVC that can be cut with the ratcheting pipe cutter shown?
20. What is the purpose of cable tie guns?
21. What are three types of pipe benders?
22. Which conduit bender is used for high-volume conduit bending with little effort?
23. What is the maximum rating of double-insulated electric safety tools?
24. What is the most obvious characteristic of a skinning knife?
25. How often should a tool be checked for worn, chipped or damaged surfaces?
26. Why are dull tools dangerous?
27. What are some of the classifications of power tools?
28. When are reciprocal saws typically used in construction?
29. What are some advantages of battery-powered cable cutters?
30. How is the strain and fatigue of pulling wire reduced?
31. How are holes typically drilled in concrete for the attachment of conduits and boxes?
32. What is the term used to describe an electric power tool that does not require a three-wire grounding cord connection?
33. What is the possible result of using an ungrounded (not double-insulated) power tool?
34. How are small hand tools and instruments typically transported and stored?
35. How are tools typically organized and stored in one place?