



How to Administer Tests to Trainees

In this document, you will find a 20-question multiple-choice test that corresponds with a specific MCAA Safety Training Video.

1. Ensure that you have the test that corresponds with the planned video training.
2. Make one copy of the test for each trainee.
3. Give one test to each trainee. Remind them to put their name on each page of their copy in case the pages become separated.
4. Collect all test papers after they are completed.
5. Grade the tests using the corresponding Safety Training Test Answer Key [here](#).
6. Return the graded test papers to each trainee. Make sure they understand the correct answers to all the test questions they answered incorrectly.
7. Collect **ALL** the test papers and place them in a secure file.
8. Keep the completed test papers with your documentation for this video to show proof of worker training.



Master the Mechanics: Hand & Power Tool Safety for the Mechanical Trades – Safety Training Test

Name: _____

Directions – Circle the letter corresponding to the best answer for each question.

- Hand and power tool injuries in our industry are mostly
 - lacerations and contusions.
 - strains and sprains.
 - objects in the eye.
 - all the above.
- Some of the most commonly occurring injuries involving hand tools in our industry result from improper use of
 - utility/razor knives and wrenches.
 - screwdrivers and metal files.
 - hammers and wire brushes.
 - all the above.
- Since all power tools have high-speed moving parts, move or remove _____ to prevent them from getting drawn up by the tool.
 - long hair and jewelry
 - loose clothing and hoodie drawstrings
 - long hair, jewelry, loose clothing, and hoodie drawstrings
 - long hair, jewelry, loose clothing, hoodie drawstrings, and other loose hanging objects
- Most of the injuries in our industry involving wrenches are _____ injuries.
 - hand
 - shoulder and wrist
 - head and face
 - back
- Before starting work with a power tool _____ to prevent damaging hidden obstacles.
 - establish a barrier
 - check with the building owner
 - identify what is behind the work
 - all the above

More...

Need more safety training resources? MCAA has them [here](#).



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Name: _____

6. To help prevent hand injuries from slipping wrenches,
 - a. use the correct type and size of wrench.
 - b. place a non-slip compound on the nuts, bolts and/or fittings.
 - c. use an adjustable wrench like a Crescent wrench.
 - d. position yourself so that you are always pulling the wrench towards you.

7. Our most commonly occurring injuries involving power tools are from improper use of
 - a. hammer drills.
 - b. hand held grinders.
 - c. portable band saws.
 - d. core drills.

8. When using a hand-held grinder, always ensure that the ____ is properly secured in place.
 - a. guard
 - b. accessory
 - c. extension
 - d. none of the above

9. When provided by the manufacturer with a hand-held grinder, always use the
 - a. battery.
 - b. carrying case.
 - c. handle.
 - d. none of the above.

10. The most common injury in our industry when drilling overhead involves the
 - a. shoulders.
 - b. eyes.
 - c. b and d.
 - d. wrists.

More...

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Name: _____

11. To help prevent drill bits from binding, always
 - a. use sharp bits and the least amount of pressure needed.
 - b. apply as much pressure as possible.
 - c. use the most powerful drill available.
 - d. start with a pilot hole using a smaller bit.

12. Most injuries involving portable bandsaws result from
 - a. applying too much pressure on the blade.
 - b. using only one hand while making a cut.
 - c. using the wrong type of blade.
 - d. using a dull blade.

13. When cutting an object with a portable bandsaw it is always best to _____ whenever possible.
 - a. get help from another worker
 - b. clear the area
 - c. secure the object in a vice
 - d. position the saw vertically

14. _____ often result in applying excessive force when using a portable bandsaw.
 - a. Use of a dull blade
 - b. Making a horizontal cut
 - c. Cutting a metal object
 - d. All the above

15. When drilling into concrete, especially when drilling overhead, always wear
 - a. safety glasses.
 - b. safety goggles or safety glasses with seals.
 - c. safety goggles.
 - d. a face shield.

More...



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16. Before working with any type of tool, be sure
 - a. to inspect the tool and accessory for damage.
 - b. the work area is well lit.
 - c. the work area is clear of slip and trip hazards.
 - d. all the above.

17. The best way to learn about the proper use of a tool that you are unfamiliar with is to
 - a. ask another more experienced worker about the tool.
 - b. read the operator's manual.
 - c. call the tool manufacturer for assistance.
 - d. contact your local OSHA area office for outreach guidance.

18. The most important thing to do before changing a power tool accessory is to
 - a. remove the battery.
 - b. unplug the tool.
 - c. disconnect the power source.
 - d. move the tool to a well-lit area.

19. Musculoskeletal injuries that occur while using wrenches can be prevented by
 - a. stretching out before work and after lunch.
 - b. positioning your body to work the wrench without excessive force.
 - c. using the correct size wrench with the appropriate amount of leverage.
 - d. all the above.

20. Injuries from utility/razor knives can best be prevented by
 - a. refraining from cutting materials the knives are not designed to handle.
 - b. cutting away from your body, and not towards it.
 - c. retracting the blades immediately before putting the knives down.
 - d. all the above.