

Test Administration Instructions



SAFETY EXCELLENCE INITIATIVE

How to Administer Tests to Trainees

In this document, you will find a 20-question multiple-choice test that corresponds with a particular 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 pages become separated.
4. Collect all test papers after they are completed.
5. Grade the tests using the answer keys provided in the "Answer Keys" document at www.mcaa.org/private/videos.
6. Return the graded test papers to each trainee. Make sure they understand the correct answers to all of the test questions they answered incorrectly.
7. Collect **ALL** of 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.

Beat the Heat: Fire Safety in Mechanical Construction Test



SAFETY EXCELLENCE INITIATIVE

Name: _____

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

1. Which three items, when combined, can produce a chemical reaction that results in fire?
 - a. Wood and paper, flammable liquids and CO₂
 - b. Fuel, oxygen and an ignition source
 - c. Welding and cutting sparks, combustible materials and oxygen
 - d. Any ignition source, oxygen and defective power tools
2. One of the best fire prevention practices on construction sites is _____.
 - a. good housekeeping.
 - b. no smoking.
 - c. well-placed fire extinguishers.
 - d. a fire alarm system.
3. Oily or greasy rags should be disposed of in _____.
 - a. metal garbage cans.
 - b. metal dumpsters.
 - c. metal containers with self-closing lids.
 - d. metal 55 gallon barrels.
4. Before welding or performing any kind of hot work on an upper level _____.
 - a. look for flammable and combustible materials in the area below.
 - b. inform the fire marshal.
 - c. wet the area with water.
 - d. all of the above.
5. Whenever possible isolate ignition sources with _____.
 - a. welding mats or flammable liquid storage cabinets.
 - b. ½ hour fire rated sheet rock or plywood.
 - c. welding screens or fire blankets.
 - d. dirt spoil piles or concrete slabs.

More...

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6. Someone should be assigned the fire watch detail for _____ minutes after hot work stops for the day.
 - a. 20
 - b. 30
 - c. 40
 - d. 60
7. Any time you're performing any type of hot work a fire extinguisher should be _____.
 - a. within 45 feet of where you're working.
 - b. within 50 feet of where you're working.
 - c. within 100 feet of where you're working.
 - d. close at hand.
8. Power tools should be inspected _____.
 - a. once each week.
 - b. once each month.
 - c. once each year.
 - d. before each use.
9. When inspecting power tools, look for _____.
 - a. cord damage where it attaches to the tool.
 - b. damage to insulation on the cord.
 - c. damaged or exposed wires.
 - d. all of the above.
10. Temporary electrical panels usually are not a fire hazard unless they are _____.
 - a. overloaded.
 - b. improperly assembled.
 - c. a and b.
 - d. used by all the trades.
11. Flammable liquid containers should _____.
 - a. be properly labeled.
 - b. have self-closing lids.
 - c. be stored in approved containers.
 - d. all of the above.

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12. Flammable liquids should be kept at least _____ feet from sparks, flames and other ignition sources.
 - a. 20
 - b. 25
 - c. 50
 - d. 75
13. Flammable liquids should always be stored in _____ flammable liquid storage cabinets.
 - a. metal
 - b. non-flammable
 - c. non-combustible
 - d. approved
14. _____ should be in place at all times while using a flammable gas such as acetylene from a compressed gas cylinder.
 - a. At least one fire watch
 - b. At least one fire blanket
 - c. The valve wrench
 - d. The tie wire or chain
15. Before moving or storing a compressed gas cylinder you should always _____.
 - a. replace the valve caps.
 - b. get help.
 - c. place the cylinders horizontally in a non-combustible rack.
 - d. all of the above.
16. Cylinders should be stored in a dry, well-ventilated area at least _____ feet from combustible materials.
 - a. 15
 - b. 20
 - c. 25
 - d. 50

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Name: _____

17. Oxygen cylinders should be stored at least _____ feet from fuel gas cylinders unless there is an appropriate size and appropriately rated non-combustible barrier between them.
- a. 20
 - b. 30
 - c. 50
 - d. 75
18. What should be the primary factor in determining whether to fight a fire or evacuate?
- a. Previous firefighting experience
 - b. Whether the fire department is responding
 - c. Whether you have an escape route in case the fire gets too large to handle
 - d. How close you are to a fire extinguisher
19. The best type of fire extinguisher for most construction sites is _____
- a. Class A.
 - b. Class BC.
 - c. Class ABC.
 - d. Class D.
20. When using a fire extinguisher to put out a fire use the P.A.S.S. system, which means _____
- a. Pull the pin, Aim at the base of the fire, Squeeze the handle and Swing the nozzle.
 - b. Pull the pin, Aim at the base of the fire, Squeeze the handle and Sweep at the base of the fire.
 - c. Pick-up the fire extinguisher, Access the base of the fire, Stand back and Spray.
 - d. Pass the word, Ask for help, Survey the scene, Select the appropriate extinguisher.