

Answer Key – Equipment

Cranes and Slings Quiz

1. a. True.
2. b. The maximum load it can handle safely.
3. a. Temperatures or conditions they can handle.
4. c. Strong and able to handle heat.
5. a. True.
6. b. False. Defective crane hooks, broken ropes, etc. must be discarded.
7. b. No one is on or under the load or hooks or in its planned path.
8. b. False. Operators may not drag loaded slings on the ground.
9. c. Hand signals.
10. b. False. Never walk under a crane load, whether it's moving or not.

Excavation Quiz

1. a. True
2. a. True
3. b. False. Keep tools and materials at least 2 feet from the edge.
4. a. True
5. b. False. Fire can be a hazard if you accidentally strike an underground gas line.
6. b. False. Contact utility companies before digging to identify where utility lines are located.
7. a. True
8. a. True
9. a. True
10. a. False. Warn fellow workers and leave the excavation at once.

Forklifts Quiz

1. a. Tips over or falls off a loading dock.
2. b. False. Operators must be authorized and specially trained to know about the equipment and follow safe operating procedures.
3. c. Before each day or shift.
4. a. Inside the truck.
5. b. False. It's dangerous to drive forklifts fast, and OSHA requires operators to obey speed limits and other traffic rules.
6. b. Slows down.
7. b. No person can ride on truck forks.
8. a. The employee is authorized to ride on the truck.
9. c. Special ventilated areas with no fire or ignition sources.
10. a. True.

Hand Tools Quiz

1. a. Using the right size slothead screw driver on a slothead screw.
2. c. A hammer with a chipped or loose head.
3. b. False. Never alter a tool.
4. b. A tool box or belt.
5. a. A bag or bucket.
6. b. Hand it to the person handle first.
7. b. False. You may need safety shoes, safety goggles, etc.
8. b. False. Potential serious injuries could include amputations or severed arteries from a sharp tool, or broken bones if a tool falls on you with any momentum.
9. c. Both a (having the tool fall on another person) and b (getting stuck or cut by a hidden pointed or sharp tool).
10. c. Put them away in their proper storage place.

Hand Trucks and Dollies Quiz

1. a. True
2. b. False. Inspect tires, frame, brakes, load capacity, route for movement, lubrication, etc.
3. b. False. Inspect daily before use.
4. a. True
5. a. True
6. b. False. Keep the truck ahead of you going downhill, behind you going uphill.
7. a. True
8. b. False. They make become trip hazards.
9. a. True
10. a. True

Ladders Quiz

1. a. True.
2. a. The combined weight of person and equipment it can handle safely.
3. b. False. Metal conducts electricity and shouldn't be used around it.
4. b. Slip-resistant.
5. c. Tag it and turn it in.
6. b. Three feet above the top support.
7. b. One-fourth the ladder's length.
8. a. One.
9. a. True.
10. b. On a belt, rope, or hoist.

Loading Dock Quiz

1. a. Clean up all spills immediately.
2. b. False. Slide dock plates into place; don't drop them.
3. b. Check its material safety data sheet for instructions.
4. a. True.
5. b. Sturdy, with nonskid soles.
6. a. True.
7. b. False. It has no smell.
8. c. Bending the knees, so the legs do the work.
9. b. Gloves with good grip.
10. b. False. Forklifts are not passenger vehicles.

Portable Power Tools Quiz

1. a. True.
2. b. Inspect it to see that all parts are in place and in working order.
3. a. Away from sharp edges.
4. a. Turn it off first.
5. b. False. Carrying the tool by its cord can damage the cord and create a risk of shock or electrical fire.
6. b. Industrial safety glasses with side shields. Gloves could get caught in the moving parts.
7. c. Get caught in the tool's point of operation.
8. a. True.
9. b. False. A spark from even a well-insulated tool could cause flammables to catch fire.
10. a. Falling on someone.

Welding Quiz

1. a. True.
2. a. True.
3. b. False. Never weld on a wood floor.
4. a. True.
5. False. The two main types of welding are arc welding and gas welding.
6. False. Welders do have to be concerned the about electric shock hazards involved in arc welding.
7. a. True.
8. a. True.
9. a. True.
10. False. Respirators should be used to protect the welder from toxic fumes.