



### Scaffold Users Quiz

Name: TEST KEY  
Instructor: \_\_\_\_\_  
Date: \_\_\_\_\_

- OSHA 1926.454(a) requires all scaffold users to be trained in:
  - Electrical, falls, and falling object hazards.
  - Proper use of the scaffold.
  - Maximum load carrying capacities.
  - All of the above.
- OSHA requires employees who work from scaffolds to be retrained:
  - When changes at the worksite present new hazards.
  - When the type of scaffold, fall protection, or falling object system changes.
  - When there are indications that the worker needs retraining.
  - All of the above.
- All scaffolds and scaffold components are must be inspected by a competent person before each work shift.
- Scaffold tags utilize three colors; red, yellow and green. Match the colors with the meaning on the tag:
 

a. Red	<u>c</u>	No fall protection required
b. Yellow	<u>a</u>	denotes unsafe, DO NOT USE
c. Green	<u>b</u>	100% fall protection required
- Scaffold pre-use inspections include which of the following?
  - Look at the scaffold inspection tag for the current date.
  - Look for any noticeable damaged scaffold components.
  - I need to contact my foreman if I notice any problems.
  - All of the above.
- It is ok to go ahead and work on a scaffold that has not been inspected yet. True or False
- Scaffold support legs should be placed on:
  - Base plates and mud sills.
  - Screw jacks without base plates.
  - Loose wooden pads piled up to level the scaffold.
  - Concrete blocks.
- The only surface that does not require scaffold base plates to rest on mud sills is concrete.
- Each section of scaffold MUST be:
  - Leaning less than 9.5 degrees.
  - Plumb, square and rigid.
  - Sway less than 5%.
  - Bowing less than 2% from their axis.



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10. A scaffold platform must be at least **18** inches wide in order to be used as a working platform or walkway and also must be fully planked with a maximum gap between planks of **1** inch.
11. A guardrail system should be installed when the platform is more than:
  - a. 20" from a solid faced work surface.
  - b. 14" from a solid faced work surface.**
  - c. 24" from a solid faced work surface.
  - d. 6" from a solid faced work surface.
12. OSHA requires a guardrail system when scaffold platform height is:
  - a. 4' above the ground.
  - b. 6' above the ground.
  - c. 8' above the ground.
  - d. 10' above the ground.**
13. The height of the toprail in a guardrail system should be:
  - a. 38" to 45" above the platform.**
  - b. 42" to 46" above the platform.
  - c. 46" to 50" above the platform.
  - d. 50" to 54" above the platform.
14. The height of the midrail in a guardrail system should be:
  - a. 1/3 of the way between the platform and the toprail.
  - b. 2/3 of the way between the platform and the toprail.
  - c. 12" below the toprail.
  - d. Midway between the platform and the toprail.**
15. Toprails in a guardrail system shall be able to withstand:
  - a. 250 pounds of force in an outward direction.**
  - b. 250 pounds of force in a downward direction.
  - c. 200 pounds of force in a downward or outward direction.
  - d. 150 pounds of force in a downward or outward direction.
16. A toe-board must:
  - a. Be capable of supporting without failure a force of at least 50 pounds in an outward direction,
  - b. Be a minimum of 3 1/2 inches above the platform with
  - c. A maximum gap between the platform and the toe-board of 1/4 of an inch.
  - d. All of the above.**
17. When protecting people below from **falling objects**, barricading the area around the scaffold is the best answer.
18. Scaffold collapse can easily happen is scaffold users are not able to calculate the safe load rating for the working platform. **True** or False
19. All Scaffolds and scaffold components should be capable of supporting, without failure **4** times the maximum intended load.



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20. The maximum loading capacity for light duty/standard duty for most crafts is:
- 25 pounds per square foot.
  - 50 pounds per square foot.
  - 75 pounds per square foot.
  - 100 pounds per square foot.
21. On a 7' long by 5' wide platform, using light duty/standard planking allows for:
- 250 pounds allowed on platform.
  - 500 pounds allowed on platform.
  - 750 pounds allowed on platform.
  - 875 pounds allowed on platform.
22. The general rule for scaffold plank's maximum load rating on a light duty scaffold is one person-one plank. The average contractor and his/her tools in construction weigh 250 pounds. Using question/answer #21, how many people can you safely put on a scaffold? 3
23. The scaffold **user** should make alterations to the scaffold:
- When they can't reach their work.
  - As necessary to increase production.
  - When a scaffold component is in the way of the work that needs done.
  - Never. Alterations can only be done by scaffold erection trained personnel under the supervision of a competent person.
24. Fall prevention/protection equipment on scaffolds is necessary because:
- Falling just a few feet can cause serious injury.
  - The impact force from a fall can be thousands of pounds.
  - Falls may come at unexpected moments.
  - All of the above.
25. Scaffold support components can be used as an anchorage point for personal fall arrest systems (PFAS) when:
- Anytime by both the scaffold erector and the scaffold user.
  - The height of the scaffold is greater than 50 feet.
  - Never, unless the scaffold has been erected according to the manufacturer's specifications and has provided specific instructions for attachment of the anchorage device.
  - It is too much trouble to find an I-beam or other structural member to attach the anchorage device to.
26. Material handling safety guidelines for scaffold platforms include:
- Keeping access ways clear of obstructions to avoid tripping hazards.
  - Supplies and materials should be stacked to the lowest height that is practical.
  - Both A and B.
  - None of the above.
27. What is the **primary** reason that supplies or materials packaged in bags, containers, or bundles be stacked, blocked, and interlocked?
- To avoid sliding, shifting or collapse.
  - To ensure easy access.
  - To ensure that decks remain clear.
  - To avoid obstructions to accessways.
28. When accessing scaffold, the first ladder rung shall be no higher than 18" inches.



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29. Safe ladder access should be installed:
- By climbing the cross-braces.
  - Climbing the rosettes on system scaffolds.
  - Climbing open clamps on tube & clamp.
  - With the manufacturer's recommended attachable ladder.
30. To avoid slips, trips, and falls, scaffold ladder access areas SHALL be kept clear of obstructions, trip hazards, and free from dirt and debris. **True** or False
31. Always face the scaffold ladder rungs and use 3-point contact when climbing up or down a scaffold ladder. **True** or False
32. To gain additional working height from a scaffold platform:
- Use a heavy-duty aluminum ladder.
  - Use an inverted 5-gallon bucket to step up on.
  - Place scaffold grade planks across the guardrails or midrails to stand on.
  - Have the scaffold height increased by a trained erector crew under the supervision of a competent person.
33. Electrical hazards encountered while working from scaffold may include:
- Shocks and burns.
  - Arc-blasts.
  - Fires and explosions.
  - All of the above.
34. When can a scaffold be moved closer than the minimum distance to a power line?
- When the personnel erecting, using, dismantling, or altering the scaffold can reach it.
  - When the supervisor has surveyed the area and determined that the potential danger is minimal.
  - When it is necessary for personnel using the scaffold to perform work activities.
  - When the utility company or electrical system operator has de-energized the lines, relocated the lines, or installed protective coverings on the lines.
35. The minimum distance scaffolds should be erected, used, dismantled, altered, or moved near an uninsulated power line with a voltage less than 50 kv is:
- 2 feet.
  - 10 feet.
  - 7 feet.
  - 3 feet.
36. Safe usage of power tools when working from scaffolds include:
- Must be double insulated or be properly grounded with Ground Fault Circuit Interrupter (GFCI) protection.
  - Extension cords used with portable electric tools shall be 12 gauge three-wire type and shall be designed for hard or extra-hard usage.
  - Run tool cords and extension cords out of the walkway to prevent tripping hazards.
  - All of the above.