SAA SCAFFOLD & ACCESS INDUSTRY ASSOCIATION



COMPETENT PERSON TRAINING: SUSPENDED SCAFFOLD

Exam Version: A

INSTRUCTIONS:

- Print your name on the Scantron sheet in spaces provided
- Darken in the letters corresponding to your name on the Scantron sheet
- Darken in the test version in the Test Form section
- Record all answers on the provided Scantron sheet
- Return Scantron sheet and exam to instructor when finished
- 1. What prevents an outrigger beam from being pulled off the roof?
 - A. Fulcrum
 - B. Tie back
 - C. Outreach
 - D. Cornice hook
 - E. Beam length

2. Which of the following is an example of a back-up safety system for workers on suspended scaffolds?

- A. Suitable guardrails
- B. Multi-strand wire ropes
- C. Fall arrest equipment
- D. Tie-back cable
- E. Support beam counterweights
- 3. Which of the following best defines a suspended scaffold?
 - A. Work platform on a high-rise building
 - B. Work platform supported by a wire rope or wire ropes
 - C. Any type of aerial work platforms
 - D. Any scaffold that can be raised or lowered
 - E. A scaffold system for reaching high places
- 4. The lanyard is part of which system?
 - A. Support System
 - B. Non-Engineered support system
 - C. Fall arrest system
 - D. Guardrail system
 - E. Suspended system
- 5. Which Suspended Scaffold system is a Davit part of?
 - A. Support System
 - B. Non-Engineered support system
 - C. Fall arrest system
 - D. Guardrail system
 - E. Suspended system





- 6. Which of the following is a part of the fall arrest system?
 - A. Tie-back
 - B. Tie-off anchor or anchor point
 - C. Counterweight
 - D. Suspended system
 - E. Wire rope
- 7. How would a rolling roof rig be classified?
 - A. As part of a temporary support system
 - B. As part of a permanent support system
 - C. As part of a davit support system
 - D. A support system without tie-back requirements
 - E. A support for fall arrest system

8. What is the minimum safety factor for all portable support system?

- A. 1
- **B**. 2
- **C**. 3
- D. 4
- **E**. 6

9. What is the name of the suspended scaffold support that projects beyond the face of a structure?

- A. Tension beam
- B. Compression beam
- C. Structural beam
- D. Outrigger beam
- E. Outboard beam

10. For the examples below, which would **<u>NOT</u>** be considered as part of the suspended system?

- A. Rollers
- B. Counterweights
- C. Workers
- D. Hoists
- E. Wire ropes

11. What is the name of the support system part that supports an outrigger beam close to the edge of a building roof?

- A. Tie down
- B. Tie back
- C. Counterweight
- D. Outreach
- E. Fulcrum
- 12. Why might it be necessary to use two tie-back ropes?
 - A. Whenever a transportable system is used
 - B. Where the tie-backs are also tie-downs
 - C. When there is a danger of cross winds
 - D. If a single rope cannot extend straight back
 - E. If the counterweights are not suitable







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- 13. What protects against an electrical overload?
 - A. Circuit breaker
 - B. Ground
 - C. Three prong connection
 - D. Short cord
 - E. Wire gauge
- 14. How does a G.F.C.I. protect an electrical circuit?
 - A. Breaks the circuit if the ground wire is disconnected or interrupted
 - B. Breaks the circuit if the hot wire charge is greater than the neutral wire charge
 - C. Breaks the circuit if the neutral wire charge is greater than the hot wire charge
 - D. Breaks the circuit if the main electrical fuse panel is not grounded properly
 - E. Breaks the circuit if there is any moisture close to the connected device
- 15. Besides reducing the load on an electrical circuit, what is one of the ways in which to deal with a situation where voltage is low?
 - A. Use a lighter gauge cord
 - B. Use a short a cord as possible
 - C. Use a long a cord as possible
 - D. Provide additional grounding
 - E. Use variable speed devices

16. How do you avoid side loading on two-point suspended scaffold equipment?

- A. Having the outrigger tie-back ropes attached to the inboard ends
- B. Placing two outrigger tie-back ropes at an angle on each inboard end
- C. Locating the stirrups on the work platform close to the ends
- D. Keeping hoist to hoist and outrigger to outrigger spacing the same
- E. Anchoring the outrigger inboard ends directly to the structure
- 17. If a walk-through stirrup is placed 4 feet from the end of a work platform, what protection is required for the workers?
 - A. Hoists must be the drum type
 - B. Hoists must be equipped with grab bars
 - C. The platform must be suitably reinforced
 - D. Workers must be equipped with hard hats
 - E. End guardrails must be installed

18. What is modular staging?

- A. A standard width, length, and height work platforms
- B. Work platform units that can be joined end to end
- C. A special type of work cage that accommodates two workers
- D. A type of work platform that has multiple levels
- E. A platform that only allows the hoists to be attached at the very end
- 19. What is one of the things you would find on an electrical hoist motor label?
 - A. Load Rating of the hoist
 - B. Minimum cord gauge
 - C. Minimum voltage required
 - D. Minimum ground required
 - E. Motor phase time



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Exam Version: A

- 20. Which of the following is critical for workers to determine regarding the choice of work platform?
 - A. The load capacity of the platform
 - B. The length of the platform
 - C. Type of material used on the platform
 - D. How long the platform has been in use
 - E. The manufacturer of the platform

21. Where are roller bumpers located?

- A. Between the wire rope and the structure
- B. Between the platform and the structure
- C. On the outer edge of the platform
- D. On the underside of the platform
- E. On each end of the platform

22. Air-operated hoist motor labels will provide which of the following information

- A. Minimum amount of oil required
- B. Amount of air pressure required
- C. Amount of amps required
- D. Amount of volts required
- E. Minimum hose length allowed

23. What additional steps must be taken if people can pass below a suspended scaffold?

- A. Double wire rope rigging
- B. Warning signs on the scaffold
- C. Lifelines must be coiled
- D. Installation of guard rail mesh
- E. Tools are not allowed on the platform

24. Which of the following is an example of a multi-tier scaffold?

- A. Work platforms that have steps from one level to another
- B. Work platforms that are suspended on an angle
- C. Work platforms suspended on four ropes
- D. Work platforms suspended one above another
- E. Work platforms suspended side by side
- 25. On a hoist rated load label, what is one of the things you should find?
 - A. Manufacturer's address
 - B. Minimum support load rating
 - C. Most recent inspection
 - D. Maximum safe lifting capacity
 - E. Minimum required lifting capacity
- 26. What is the function of the main mast that protrudes over a single-point basket?
 - A. It keeps the basket stable
 - B. It directs the lifeline upward
 - C. It controls the hoist operation
 - D. It is a place for tools
 - E. It acts like a guardrail









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- 27. Where would you expect to find the travel speed of a hoist?
 - A. Electric hoist motor
 - B. Hoist label
 - C. Support equipment rated load label
 - D. Scaffold warning label
 - E. Roof mounted support system

28. When working on a single-point basket, what is one of the safety precautions that must be taken?

- A. Use a special personal safety device
- B. Use an oversized suspension rope
- C. Position the rope guide directly above you
- D. Have a means to communicate with others
- E. Always work from the bottom up
- 29. What is the function of a strain relief on an electrical cord?
 - A. It ensures constant voltage flow to the motor
 - B. It takes the tension where two cords are joined
 - C. It locks a plug and socket together
 - D. It cushions the shock of a sudden stop
 - E. It allows flexibility in a horizontal movement
- 30. What is the purpose of overload switches as found on hoist motors?
 - A. To interrupt the current if the hoist overheats
 - B. To interrupt the current if there is a power surge
 - C. To stop the hoist if there is too much load
 - D. To stop the hoist at any desired point
 - E. To prevent the hoist in a sudden fall
- 31. What is one of the reasons for labeling rigging and supported equipment?
 - A. To identify where the equipment can be used
 - B. So users are assured of the safety factor
 - C. So manufacturers are not liable
 - D. So users will know which system is used
 - E. To notify users of the load carrying capacity
- 32. Which of the following is true regarding a hoist motor as it starts to move the platform up?
 - A. It requires more voltage than steady running
 - B. It draws less amps than steady running
 - C. It draws more amps that steady running
 - D. It will likely produce a sudden jerk
 - E. It will allow a drop before moving up
- 33. To overcome a hot running hoist due to low voltage, you can:
 - A. Add additional power cord
 - B. Add a transformer booster
 - C. Replace the circuit breaker
 - D. Remove the protective cover
 - E. Clean all contact points





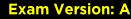


- 34. What type of suspended scaffold does not require guardrails on all open sides?
 - A. There are none
 - B. Single point
 - C. Two point
 - D. Bosun chair
 - E. Aerial platform
- 35. Why should you use a heavy gauge electrical cord for hoist motors?
 - A. To minimize current resistance
 - B. So the cord is more rigid
 - C. The insulation is thicker
 - D. Both motors can be connected together
 - E. Other devices can also be connected
- 36. What is the function of a controlled descent device?
 - A. Allows platform to descend without power
 - B. Maintains a constant descent with power
 - C. Provides decent while engaging the brakes
 - D. Ensures level descent for two-point systems
 - E. Prevents automatic brakes from operating
- 37. Which of the following is common to all powered hoists?
 - A. A single braking system
 - B. A mechanism to increase torque
 - C. Equipped with a transformer
 - D. Requires 230-volt system
 - E. Operate with low amps
- 38. Is it mandatory that workers using a suspended scaffold use fall arrest equipment?
 - A. No
 - B. Yes, in all cases
 - C. Only on multi-tier scaffolds
 - D. Only with single suspended systems
 - E. Only on multiple suspended systems
- 39. To what does a 6 x 31 wire rope refer?
 - A. The core is 6 gauge with 31 twisted strands around the core
 - B. There are 6 core strands with each strand having 31 wires
 - C. There are 6 strands around the core with each strand having 31 wires
 - D. There are 31 strands made up of 6 wires each and twisted together
 - E. The core is made up of 31 strands with each strand made up of 6 wires
- 40. What is one common feature of permanent suspended scaffold installations?
 - A. Always for use in the outdoors
 - B. Cannot be disassembled and stored
 - C. Designed for only single point suspension
 - D. Designed for use on a particular structure
 - E. Designed for interchangeable components

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- 41. What is meant by the term "rope lay"?
 - A. It refers to the way the rope is coiled
 - B. It refers to the twist of the rope to the right or left
 - C. It refers to the flatness of the rope
 - D. It refers to the device that holds it
 - E. It refers to the stiffness of the rope
- 42. Is it acceptable to use threaded rod, cut to the proper length, as a bolt replacement?
 - A. No, threaded rod cannot be used
 - B. Yes, provided the nuts are graded
 - C. Yes, but only for connecting stirrups
 - D. Yes, but only with shackles
 - E. Yes, if coarse threaded
- 43. How is the secondary brake on hoists activated?
 - A. Anytime the hoist jerks
 - B. Pressing the manual trip button or automatically if accelerations occurs
 - C. Whenever there is a power interruption
 - D. During a controlled descent
 - E. If the platform is overloaded
- 44. When a fiber rope is knotted, how does it affect its strength?
 - A. It does not affect the rope in any way
 - B. Strength can be reduced by 10%
 - C. Strength can be reduced by 25%
 - D. Strength can be reduced by 50%
 - E. Strength can be reduced by 75%
- 45. What special maintenance steps must be taken for permanent suspended scaffold installations?
 - A. Inspections must be made annually
 - B. Only operators are allowed to inspect
 - C. Building owners are trained for maintenance
 - D. OSHA inspectors do maintenance
 - E. All servicing must take place on site
- 46. Based on regulations, what is the stall capacity of hoists?
 - A. No more than two time the hoist rated load
 - B. No more than three times the hoist rated load
 - C. No more than four times the hoist rated load
 - D. No more than five times the hoist rated load
 - E. No more than six times the hoist rated load
- 47. Who is allowed to operate a permanent suspended scaffold installation system?
 - A. Those who have at least 2 years' experience
 - B. Those trained to operate the system
 - C. Those who have prior use of the system
 - D. Those who have signed a release statement
 - E. Those with reputable past experience







Exam Version: A

- 48. When service technicians maintain hoists, to what source should they refer?
 - A. Under Writers Laboratory
 - B. Scaffold & Access Industry Association
 - C. The manufacturer
 - D. Local regulations
 - E. Retail suppliers
- 49. What is the minimum number of lbs. of counterweight needed for a 16-ft. beam that has an outreach of 2 ft., a hoist of 1000 lbs. capacity if the counterweight center is located 12.5 feet from the fulcrum?
 - A. 444.4 lbs.
 - B. 500 lbs.
 - C. 551.7 lbs.
 - D. 640 lbs.
 - E. 761.9 lbs.
- 50. What is the minimum number of lbs. of counterweight needed for a 12 ft. beam that has an outreach of 1.5 feet, a hoist with a 750 lb. capacity if the counterweight center is located 8.5 feet from the fulcrum?
 - A. 450 lbs.
 - B. 529.4 lbs.
 - C. 600 lbs.
 - D. 642.9 lbs.
 - E. 692.3 lbs.
- 51. What is the recommended type of wire rope clamp?
 - A. U-bolt
 - B. J-bolt
 - C. Machine bolt
 - D. Carriage bolt
 - E. Shackle bolt
- 52. On two-point suspended work platforms, how is the platform kept level?
 - A. Locate the stirrups on the platform ends
 - B. Maintain equal spacing of the stirrups
 - C. Place support systems equal to hoist spacing
 - D. Both hoists must operate simultaneously
 - E. Ensure both shackles are the same
- 53. When a wire rope is terminated, what is the minimum number of clamps that must be used?
 - A. 1
 - **B**. 2
 - **C**. 3
 - D. 4
 - **E**. 5
- 54. Which of the following would require a wire rope to be discarded?
 - A. Evidence of bird caging
 - B. The core is made of fiber
 - C. Strands are tightly wrapped
 - D. It has been in use too long
 - E. Whenever it has been coiled









Exam Version: A

COMPETENT PERSON TRAINING: <u>SUSPENDED SCAFFOLD</u>

- 55. What is the minimum number of lbs. of counterweight needed for an 18 ft. beam that has an outreach of 2.5 feet, a hoist with a 1,000 lb. capacity if the counterweight center is located 14 ft. from the fulcrum?
 - A. 714.3 lbs.
 - B. 740.7 lbs.
 - C. 769.2 lbs.
 - D. 800 lbs.
 - E. 833.3 lbs.
- 56. Which wire ropes must be used for suspended scaffolds?
 - A. IWRC rope
 - B. Fiber core rope
 - C. Rope that is made with improved plow steel
 - D. The rope required by the regulatory bodies
 - E. The rope recommended by the hoist manufacturer
- 57. From what source can you easily find the load capacity of a particular suspended scaffold hoist?
 - A. Label on the hoist housing
 - B. Label attached to the work platform
 - C. Consulting the structure owner
 - D. Consulting regulatory officials
 - E. The SAIA handbook

58. What is the purpose of a yoke?

- A. To transfer platform load to the hoists
- B. To balance the platform load
- C. To act as a guardrail system
- D. To split one power cord for two hoists
- E. To allow two life lines to be joined
- 59. If tie-back ropes are used with transportable support system, what is one of the requirements?
 - A. They are taut
 - B. They are loose
 - C. They are short
 - D. They are single strand
 - E. Two are always used
- 60. Which of the following conditions would necessitate the replacement of a wire rope used with suspended scaffolds?
 - A. Used more than five times
 - B. Used more than ten times
 - C. It was exposed to the weather
 - D. There is a kink in the rope
 - E. Bending becomes difficult
- 61. What is the purpose of the fulcrum?
 - A. It provides an anchor point for the fall arrest system
 - B. It distributes all loads to a greater area for support safety
 - C. It provides tie-down needed to anchor the outrigger(s)
 - D. It prevents the outrigger(s) from horizontal movement
 - E. It transfers loads from the suspended scaffold to the structure



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Exam Version: A

- 62. Why must the spacing between supported systems be equal to the spacing between work platform hoists?
 - A. So the hoists work easier
 - B. To avoid side loading
 - C. To prevent tipping
 - D. To avoid tie-downs
 - E. For uniform lifting
- 63. Which of the following is one of the safety checks for a suspended scaffold platform?
 - A. Stirrups are directly on the ends
 - B. Stirrups allow walk-through
 - C. Deck is coated for slip resistance
 - D. Guardrails on all open sides
 - E. Hoists anchor directly to platform
- 64. What is one of the hazards if arc welding is being done on a suspended scaffold?
 - A. Grounding path may be through the support system
 - B. Electrical energy may not be sufficient for the hoists
 - C. Sparks could start the platform on fire
 - D. The action could cause the platform to swing outwards
 - E. Welding flux can damage the platform
- 65. What is an outrigger "outreach"?
 - A. Distance between the counterweight and rope anchor
 - B. Distance between the counterweight and fulcrum
 - C. Distance between the rope anchor and the building
 - D. Distance between the fulcrum and rope anchor
 - E. Distance between the fulcrum and the building
- 66. What is recommended for suspended scaffold wire rope when arc welding is to be done?
 - A. Make certain it is grounded to the building
 - B. Have the wire rope grounded to the welder
 - C. Use a rope coil resting on the ground
 - D. Insulate it from the ground and the building
 - E. Use the loose end as a tie back
- 67. If the suspended scaffold is ground-rigged, how is it recommended you load test it?
 - A. Load the platform and raise it to the roof to check the rigging
 - B. Use a remote control to fully raise and lower the platform
 - $C. \hspace{0.1in} \text{Have another person check the roof rigging at the same time you raise it} \\$
 - D. First check the roof rigging, then fully load the platform
 - E. Raise the platform slightly, and over-load the platform 50%
- 68. What is one of the advantages of thermal overload switches in electrical motors?
 - A. They can be re-set multiple times
 - B. Less chance of damage by overheating
 - C. Less demand on the circuit breakers
 - D. They allow more voltage to flow through
 - E. They prevent a short circuit due to grounding





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Exam Version: A

- 69. What is the main consideration when using a parapet clamp to support a suspended scaffold?
 - Α. The parapet clamp is adjustable
 - B. The arm reach is 4 ft.
 - C. The wire rope is tied back
 - D. The parapet is high enough
 - E. The parapet is strong enough
- 70. What determines the position of a suspended scaffold work platform in relation to a work surface?
 - Α. Hoist position
 - Β. Platform width
 - C. Stirrup size
 - D. Beam outreach
 - E. Type of fulcrum
- 71. What are the three critical parts of a fall arrest system?
 - Wire rope; support system; suspended system Α.
 - Β. Body restraint, wire rope, and support system
 - C. Anchorage, body restraint, and suspended system
 - D. Connection, anchorage, and body restraint
 - Back-up system, body restraint, and anchorage E.
- 72. What device allows the connection between the body harness and the lifeline to have freedom of movement as the suspended platform moves up and down?
 - A. The stirrups
 - B. The drum roller
 - C. The "D" ring
 - D. The lanyard
 - E. The rope grab
- 73. Which of the following is a requirement of lifelines?
 - A. They must be continuous from anchor to ground
 - They must have seamless splice connections Β.
 - C. They must be at least 5/16 inch in diameter
 - D. They must be made to hold at least 4,500 pounds
 - E. They must be tightly coiled while on the platform
- 74. What special precautions should you take when operating an electrically operated suspended scaffold over water?
 - A. Prevent the ropes and cables from touching the water
 - B. Ensure the ropes and cables are properly grounded
 - C. Have the ropes and cables coated with water repellant
 - D. Use the water as a ground for all electrical cables
 - E. Do not allow any welding to take place on the platform
- Which of the following is a correct statement regarding the use of fall arrest systems? 75.
 - Connect yourself after entering the platform Α.
 - Β. Check the components as you enter the platform
 - C. Disconnect the rope grab as you ascend
 - D. Use the longest lanyard that is available
 - Ε. Disconnect yourself after leaving the platform



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Exam Version: A

- 76. What minimum force must a lifeline anchor hold?
 - A. 1000 lbs.
 - B. 2500 lbs.
 - C. 3000 lbs.
 - D. 4500 lbs.
 - E. 5000 lbs.

77. Which of the following is a true statement regarding fall arrest equipment?

- A. The length of lanyard is dependent on your body weight
- B. Rope grabs must be disengaged when moving the platform
- C. The best type of rope grab is one that uses a cam mechanism
- D. The chance of injury is directly related to how far you fall
- E. Lifelines are all made of the same materials and the same diameter
- 78. Which of the following is one of the reasons why an air-operated hoist has an advantage over an electrical hoist?
 - A. They require very little maintenance attention
 - B. They have a very low torque ratio
 - C. All air-operated hoist components are interchangeable
 - D. They can be used in a potentially explosive location
 - E. They are quieter
- 79. What is the recommended way to prevent rollout when using personal safety devices?
 - A. Using a shock absorbing lanyard directly attached
 - B. Using double locking snap hooks with lanyards
 - C. Using a rope grab equipped with an eyebolt
 - D. Keeping the rope grab as high above you as possible
 - E. Keeping a lanyard D-ring at the middle of your back
- 80. Which of the following is part of the fall arrest system?
 - A. Tie-back
 - B. Tie-off anchor
 - C. Counterweight
 - D. Suspended System
 - E. Wire rope
- 81. What is the recommended type of lanyard that workers should use?
 - A. A lanyard that connects easily
 - B. A very short lanyard
 - C. As long a lanyard as possible
 - D. A shock absorber lanyard
 - E. A lanyard with single locking hooks
- 82. When choosing a lifeline, what is the major consideration?
 - A. It must be at least 5/8 inch in diameter
 - B. It must support at least 4,000 lbs.
 - C. The core must be made of steel strands
 - D. It must be compatible with the rope grab
 - E. The rope cannot have any stretch capabilities



Exam Version: A

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- 83. If the fall arrest anchor fails, what back-up safety do you have if there is an accident?
 - A. You don't have any back-up system
 - B. Your connections to the platform
 - C. Your personal communication device
 - D. Your secondary lifeline system
 - E. Your ability to react quickly
- 84. Why is it mandatory that workers on suspended scaffolds use a full body harness?
 - A. It is the most economical choice of any body restraint
 - B. It is required by regulation unless other types are authorized
 - C. It spreads a fall impact to the different parts of the body
 - D. It prevents a pendulum motion in case a worker falls
 - E. It is much stronger than any of the other body restraint types
- 85. When the fall arrest rope grab is attached to a lifeline, which of the following is the most important consideration?
 - A. Make sure that the lifeline is a taut as possible
 - B. Always keep the lanyard as taut as possible
 - C. Locate it at shoulder height or higher to limit the fall
 - D. Attach is below shoulder height
 - E. The rope grab is easily disengaged
- 86. What is the required safety factor for wire rope in the United States of America?
 - A. 2:1
 - B. 4:1
 - **C**. 1:4
 - D. 1:6
 - E. 6:1
- 87. Which of the following is critically important to know about a hoist?
 - A. Height restriction
 - B. Rated load capacity
 - C. Speed capability
 - D. Weight of hoist
 - E. Drum diameter

88. Where are stirrups located?

- A. Between the fall arrest system and worker
- B. Between the wire rope and support system
- C. Between the hoist and wire rope
- D. Between the hoist and work platform
- E. Between the hoist and guardrail system
- 89. What are the two types of hoists that are commonly used with suspended scaffolds?
 - A. Spool and spring
 - B. Screw and drum
 - C. Traction and screw
 - D. Drum and traction
 - E. Drum and friction grip





Exam Version: A

- 90. What is the required height of a top rail above the work platform?
 - A. 30 inches
 - B. 32 inches
 - C. 36 inches
 - D. 42 inches
 - E. 51 inches

91. Which of the following is an example of when a work platform should be replaced?

- A. Rails have a dull sheen
- B. Rails bent from a fall
- C. Wood surface is rough
- D. Metal surface is smooth
- E. Deck has been cleaned

92. What is one of the considerations when a J-bolt is used at a wire rope termination when used with suspended scaffolds?

- A. You must torque the bolts
- B. You must not re-use them
- C. You will need at least four
- D. You must space them 6" apart
- E. You must never re-tighten them

93. What is meant when you "tie off the platform"?

- A. Securing equipment to the platform
- B. Securing the outrigger to the structure
- C. Securing the platform to the structure
- D. Having an independent lifeline
- E. Having a trolley line for a lifeline
- 94. If swaging is allowed for a wire rope termination, what is one of the requirements?
 - A. It must be done in a factory setting
 - B. A torque wrench must be used
 - C. A special crimping tool must be used
 - D. More than one swing must be used
 - E. The wire rope must first be heated
- 95. Where are wire rope thimbles used?
 - A. Between the termination strands
 - B. In the loop of the termination
 - C. Inside the J-bolt connections
 - D. Around the shackles
 - E. With the platform stirrup
- 96. What is one of the key considerations that must be observed if a mid-air transfer of a single-point basket is intended?
 - A. Process must be conducted when the basket is at its highest point
 - B. Procedure must be pre-planned at ground level before the transfer
 - C. Only one wire rope support is allowed for this procedure
 - D. This is the only procedure in which fall arrest equipment is disconnected
 - E. No person is allowed to be in the basket during the transfer



- 97. Is it acceptable for an electric hoist for a single-point basket to be used inside an empty tank that has been recently used to store gasoline?
 - A. No, an air-operated hoist must be used
 - B. No, unless the motor is completely enclosed
 - C. Only if there is proper grounding available
 - D. Only if the worker wears a protective mask
 - E. Yes, provide fresh air is also provided
- 98. Should you be concerned with ropes being exposed to certain acids?
 - A. No, because they have protective coatings
 - B. No, because they are air-exposed
 - C. Only if the core is synthetic
 - D. Only if IWRC rope is used
 - E. Yes, they could be weakened
- 99. Who has the authority to cite a company for non-compliance of regulations concerning worker safety on suspended scaffolds?
 - A. OSHA
 - B. ANSI
 - C. Local police
 - D. Municipal officials
 - E. Structure owners
- 100. Who writes codes for suspended scaffold?
 - A. The owner of the structure in question
 - B. Specially trained competent persons
 - C. Local worker's compensation organizations
 - D. American National Standards Institute
 - E. Scaffold & Access Industry Association





