

Construction Craft Worker

6. Which of the following statements is correct regarding scaffolds used in construction work?
- (A) Each scaffold platform and walkway must be at least 18 inches (46 cm) wide.
- (B) Workers must be protected on scaffolds more than 10 feet (3.1 m) above a lower level from falling to that lower level.
- (C) Guardrails and/or personal fall arrest systems must be used.
- (D) All the above.
7. What is the maximum distance between ladders and how far above the excavation should ladders be in trenches 4 ft or more in depth?
- (A) Spacing between ladders should be no more than 25 ft laterally and extend a minimum of 25 in (7.62 m) above the landing
- (B) Spacing between ladders should be no more than 36 ft laterally to the nearest means of egress and extend a minimum of 25 in (7.62 m) above the landing
- (C) Spacing between ladders should be no more than 25 ft laterally to the nearest means of egress and extend a minimum of 36 in (0.98 m) above the landing
- (D) Spacing between ladders should be no more than 36 ft laterally to the nearest ladder and extend a maximum of 1 ft (3.66 m) above the landing
8. What is the recommended practice for preventing moisture damage when wood framing is in contact with a concrete foundation?
- (A) Use pressure treated wood and maintain a minimum 12 mm gap
- (B) Install a moisture barrier and use untreated wood
- (C) Use metal framing to avoid contact with concrete
- (D) Use untreated wood and ensure direct contact with the concrete
9. What is the definition of controlled collapse in demolition?
- (A) Controlled collapse is a method of removing hazardous materials from a site.
- (B) Controlled collapse is a method of demolition where a structure is intentionally brought down in a controlled manner to minimize damage to surrounding areas.
- (C) Controlled collapse is a technique used to reinforce structures during construction.
- (D) Controlled collapse refers to the spontaneous falling of a building without any planning.

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10. Discuss how the demand for skilled workers in construction affects career mobility for craft professionals.
- (A) The demand for skilled workers limits job opportunities to specific regions. (B) Career mobility is unaffected by the demand for skilled workers.
- (C) Skilled workers are often restricted to their initial training locations. (D) The high demand for skilled workers allows craft professionals to find job opportunities in various locations, enhancing their career mobility.
11. If a construction site has a scaffold designed to hold 4 pounds per square foot, but workers are planning to place materials that weigh 5 pounds per square foot, what should the scaffold builders do to ensure safety?
- (A) Ignore the weight limit since it is only a guideline. (B) Proceed with the plan as long as the materials are evenly distributed.
- (C) Increase the load capacity of the scaffold to accommodate the additional weight. (D) Remove some materials to ensure the weight does not exceed the limit.
12. Describe the significance of soil-cement in the context of jet grouting.
- (A) Soil-cement is a type of aggregate used in asphalt production. (B) Soil-cement is primarily used for decorative purposes in landscaping.
- (C) Soil-cement is significant in jet grouting as it enhances the strength and stability of the soil by binding it with cement. (D) Soil-cement is used to create drainage systems in construction.
13. Why is it important to place shackle rods in undisturbed soil outside of the bend?
- (A) To allow for easier access during maintenance. (B) To facilitate faster installation of the pipes.
- (C) To reduce the cost of materials used. (D) To ensure stability and prevent movement of the pipe.
14. What is flexural strength of a pipe?
- (A) Compressive force (B) Ability of a pipe to resist tensile force
- (C) Force required to pull a pipe to the point of failure (D) Ability of a pipe to bend without breaking