

## 16.A: Review Questions

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Complete as directed.

Fill in the Blanks:

1. \_\_\_\_\_ means the total system of support for freshly placed or partially cured concrete including the mold or sheeting (form) that is in contact with the concrete as well as all supporting members including shores, reshores hardware, braces, and related hardware.
2. All protruding reinforcing steel, onto and into which employees could fall, shall be \_\_\_\_\_ to eliminate the hazard of impalement.
3. No employee shall be permitted to apply a cement, sand, and water mixture through a pneumatic hose unless the employee is wearing protective \_\_\_\_\_ and \_\_\_\_\_ equipment.
4. Concrete buckets equipped with hydraulic or pneumatic gates shall have \_\_\_\_\_ safety latches or similar safety devices installed to prevent premature or accidental dumping.
5. Bull float handles used where they might contact energized electrical conductors shall be constructed of \_\_\_\_\_ material or insulated with a nonconductive sheath whose electrical and mechanical characteristics provide the equivalent protection of a handle constructed of nonconductive material.
6. All vertical slip forms shall be provided with \_\_\_\_\_ or work \_\_\_\_\_ where employees are required to work or pass.
7. No employee shall be permitted \_\_\_\_\_ precast concrete members being lifted or tilted into position except those employees required for the erection of those members.

*Multiple Choice:* (Circle the Correct Answer)

1. All masonry walls over \_\_\_\_\_ feet in height shall be adequately braced to prevent overturning and to prevent collapse unless the wall is adequately supported so that it will not overturn or collapse. The bracing shall remain in place until permanent supporting elements of the structure are in place.  
a. six b. eight c. ten d. twelve
2. Lifting inserts which are embedded or otherwise attached to tilt-up precast concrete members shall be capable of supporting at least \_\_\_\_\_ times the maximum intended load applied or transmitted to them.  
a. two b. three c. four d. five
3. Shoring equipment that is found to be damaged or weakened after erection, such that its strength is significantly reduced, shall be immediately \_\_\_\_\_.  
a. destroyed b. discarded c. reinforced d. identified

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