

13.A: Review Questions

Complete as directed.

Fill in the Blanks:

1. Where manufacturer s specifications are not available, the crane lift limitations assigned to the equipment shall be based on the determinations of a _____ competent in this field and such determinations will be appropriately documented and recorded.
2. The employer shall designate a _____ who shall inspect all machinery and equipment prior to each use, and during use, to make sure it is in safe operating condition.
3. Accessible areas within the swing radius of the rear of the rotating superstructure of the crane either permanently or temporarily mounted shall be _____ in such a manner as to prevent an employee from being struck or crushed by the crane.
4. An accessible _____ of 5BC rating, or higher, shall be available at all operations or cabs of equipment.
5. Following assembly and erection of hoists, and before being put in service, an inspection and test of all functions and safety devices shall be made under the supervision of a _____. A similar inspection and test is required following major alteration of an existing installation. All hoists shall be inspected and tested at not more than _____ month intervals.
6. A _____ shall be worn and a lanyard attached to the boom or basket **when** working from an aerial lift.

Multiple Choice:

1. For energized transmission and distribution lines rated 50kV or below, minimum clearance between the lines and any part of the crane or load shall be _____ feet. a. 3 b. 5 c. 10 d. 15
2. When crane or derrick personnel platforms are used, they shall be capable of supporting, without failure, their own weight and at least _____ times the maximum intended load. a. 2 b. 3 c. 4 d. 5
3. Hoist towers outside the structure shall be enclosed for the full height on the side or sides used for entrance and exit to the structure. At the lowest landing, the enclosure on the sides not used for exit or entrance to the structure shall be enclosed to a height of at least _____ feet. a. 4 b. 8 c. 10 d. 12

General:

1. Describe the minimum personal protective equipment required by OSHA for employees receiving the load lifted by a helicopter.

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