



Rigging 1 Test

OSHA 29 CFR §1926.753; 1926.251;

1926.1401, 1926.1404, 1926.1425

*(Rapids Code #0877) (O*Net/Soc Code #47-2221.00)*

Name: _____ Signature: _____

Date: _____ Score: _____ Instructor _____

Circle the letter that best answers or completes each of the questions or statements

1.) A qualified rigger must be:

- a) At least 21 years old
- b) A qualified person
- c) Able to perform calculus and differential equations
- d) All of the above

2.) The number one cause of rigging and crane accidents is:

- a) Human error
- b) Mechanical failure
- c) Bad Luck
- d) Damaged Slings

3.) Name three basic types of rigging slings

- a) _____
- b) _____
- c) _____
- d) _____

4.) How often must slings be inspected at a minimum?

- a) Before each use or each shift
- b) Monthly
- c) Weekly

5.) Which of these is not a basic rigging hitch?

- a) Basket
- b) Choker
- c) Soldier
- d) Vertical

6.) Name two of three basic types of shackle

a) _____

b) _____

7.) Which of these hitches provides the least capacity?

- a) Basket
- b) Choker
- c) Vertical

8.) A sling attached at a 30° angle is rated for _____ of its listed vertical capacity.

- a) 200%
- b) 100%
- c) 50%
- d) 25%

9.) How many broken wires are cause for rejection in a wire rope sling?

- a) 10% of total, 5% of wires in a strand
- b) 10 broken wires in a lay, 5 broken wires in a strand
- c) 5 broken wires in a lay, 10 broken wires in a strand
- d) 5% of total, 10% of wires in a strand

10.) Which sling type must have an individually-documented annual inspection?

- a) Metal Mesh
- b) Synthetic
- c) Alloy Chain
- d) Wire Rope

11.) If the sling angle reduction for a 60° hitch is .866, how much would a 10,000 lb strap be rated for at that angle?

12.) Which one of these determines the maximum load that may be lifted by a particular rigging configuration?

- a) The strongest element in the rigging
- b) The load shape
- c) The weakest element in the rigging
- d) The scope of work

13.) What is the maximum number of members that can be rigged in a multiple lift configuration?

- a) 1
- b) 3
- c) 5
- d) 7