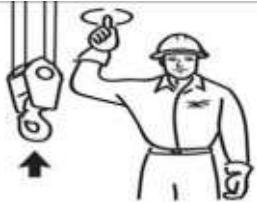


1. How often do running and standing wire ropes need to be inspected?
 (A) During the assembly inspection (B) During the annual inspection
 (C) During the shift inspection. (D) During the monthly inspection
2. How is the volume of a rectangular object calculated?
 (A) Multiply its length X Its width X Its height (B) Multiply its length X Its width
 (C) Multiply its radius X Its height or length (D) Multiply its specific weight its area
3. Which of these conditions will dramatically affect the values illustrated on load charts?
 (A) Changing radius (B) Improper outrigger set up
 (C) Wind (D) All of these
4. When rotary spin lock to be applied?
 (A) To travel the crane (B) Down the boom
 (C) Raised the boom (D) When wind speed is high
5. A choker hitch is rated at what capacity of a vertical hitch capacity?
 (A) 85% (B) 80%
 (C) 50% (D) 75%
6. What are jibs strengths normally based on:
 (A) main boom length (B) structural strength
 (C) working radius (D) tipping strength

7.



What is the meaning of the hand signal shown?

- (A) Rise the hoist
- (B) Dog everything
- (C) Slew
- (D) Boom down

8. What grade alloy steel chain should be used for crane hoisting slings:

- (A) 70
- (B) 80
- (C) 50
- (D) 60

9. Which of the following is not a permitted use of an “operational aid”?

- (A) Indicates changing boom angle
- (B) Warns of approaching crane overload
- (C) Warn of approaching two-block condition
- (D) Used to test weigh a load prior to hoisting

10. To allow the slewing action, manually disengage the _____.

- (A) Turntable lock pin
- (B) Turning pinning
- (C) Boom pivot pin
- (D) Guard pin

11. All inspections reports must be made available to

- (A) the superintendent.
- (B) all persons who inspect the crane.
- (C) the master mechanic.
- (D) the assembly/disassembly director

12. Deflections of the boom and pendant stretch will increase:

- (A) load radius
- (B) Weight of boom
- (C) load weight
- (D) crane stability

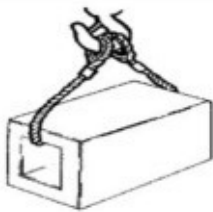
994. When screw pin shackle used on personnel platform (man basket) it must be _____?

- (A) Big
- (B) Painted
- (C) Small
- (D) Securely wired

995. A frequent inspection is:

- (A) monthly to annually
- (B) hourly to daily
- (C) daily to monthly
- (D) daily to weekly

996.



What kind of hitch arrangement is shown?

- (A) Double basket hitch
- (B) Double wrap double basket
- (C) Single basket hitch
- (D) Single choker hitch

997. The lever on the far left of most telescopic cranes is:

- (A) boom up
- (B) boom swing
- (C) boom extends
- (D) boom down

998. Boom length is measured from the:

- (A) boom hinge pins to the boom tip
- (B) base of the boom to the center of the boom tip sheave
- (C) base of the boom to the boom tip
- (D) boom hinge pins to the center of the boom tip sheave

999. How many broken wires must be present in one strand of one lay for running wire rope to be removed from service:

- (A) 4
- (B) 3
- (C) 2
- (D) 6

Mobile Crane Operator

1000. _____ leave a crane with a load unattended
- (A) Ok (B) Yes
 (C) No (D) Never
1001. All controls shall be tested by the operator:
- (A) after any critical lift (B) every 1000 hours of running time
 (C) after erection only (D) at the start of a new shift
1002. How often must the communication between the signal person and operator be maintained during crane movements?
- (A) Only while swinging (B) Continuously
 (C) Daily (D) Hourly
1003. If high winds are expected and the lattice boom crane must be secured pointing into the wind, then the hook should be:
- (A) attached to the cranes heel section (B) secured to a solid structure directly below the boom point or manufacturers specifications
 (C) hoisted to within 5 feet of the boom point (D) laid on the ground and bloom at 50°
1004. What is the purpose for using tag lines?
- (A) To keep the load level. (B) To control load swing.
 (C) To assist holding the load level (D) To control load spin.
1005. How much should the cranes capacity be de-rated in tandem lifts?
- (A) 25% (B) 85%
 (C) 50% (D) 75%
1006. Barricades are placed round a lift site to stop?
- (A) Competent person coming in (B) Supervisor coming in
 (C) Personnel from entering the area (D) Manager coming in