

Overhead Hoist Safety Training Test (M_003)



| Name (print): | |] | Date: | Score: |
|---------------|---|----|--|------------------------------------|
| Sigr | nature: | | | |
| | question is worth 1 point unless otherwise noted. A prn the completed quiz to Karen Kiselycznyk (safety_t | | _ | - |
| 1) | If an activity seems unsafe a) Address the concern after the job is done b) The system must be safe since it is at LLE c) I just haven't been trained yet d) Stop work and address the concern | | | |
| 2) | Only perform activities for which you are qualified. a) True | b) | False | |
| 3) | Individuals may operate cranes without specialized tra a) 120 lbs b) 500 lbs c) 20000 lbs | | - | ver be operated by ve not received |
| 4) | Basic rigging training is required starting at a payload a) 0 lbs b) 120 lbs | c) | ght equal to 500 lbs 20000 lbs | |
| 5) | Advanced rigging training is required starting at a pay a) 0 lbs b) 120 lbs | c) | l weight greater the 500 lbs 20000 lbs | han |
| 6) | Anyone can use an overhead hoist. a) True | b) | False | |
| 7) | Suspended loads can be left unattended. a) True | b) | False | |
| 8) | Support structures for hoists must display a load rating a) True | _ | False | |
| 9) | If two hoists are used simultaneously, the combined raload of the support structure. a) True | | load of hoists sha | all not exceed the rated |

| 10) All overhead hoists must display a load rating.a) True | b) False | | | | |
|---|--|--|--|--|--|
| 11) At LLE, Frequent Inspection of hoists occursa) Dailyb) Weeklyc) Monthly | d) Quarterlye) Yearlyf) When the hoist breaks down | | | | |
| 12) At LLE, Periodic Inspection of hoists occursa) Dailyb) Weeklyc) Monthly | d) Quarterlye) Yearlyf) When the hoist breaks down | | | | |
| 13) At LLE, hoists are inspected bya) Qualified LLE personnelb) Designated LLE personnel | c) Certified Crane Inspectorsd) Anyone who has time | | | | |
| 14) Records for overhead hoist inspections are kept and mavailable for review by hoist operators.a) True | aintained by the O&M group and are b) False | | | | |
| 15) At LLE maintenance and repairs on overhead hoists isa) Qualified LLE personnelb) Designated LLE personnel | performed by c) Certified Crane mechanics d) The Operations and Maintenance group | | | | |
| 16) Operators must visually examine hoist equipment before using it.a) Trueb) False | | | | | |
| 17) Hoists shall be operated only by the following qualified personnel: a) designated persons b) trainees under the direct supervision of a designated person c) maintenance and test personnel, when it is necessary in the performance of their duties d) inspectors (crane) e) any of the above | | | | | |
| 18) Operators are pivotal to ensuring that hoists are used ca) True | correctly and loads moved safely. b) False | | | | |
| 19) LLE personnel are qualified and permitted to repair a hoist.a) Trueb) False | | | | | |
| 20) Only approved and rated rigging gear shall be attached a) True | d to a load hook. b) False | | | | |
| 21) The load rating of a load hook also applies to the tip o a) True | f the load hook. b) False | | | | |

- 22) Side pulls are permitted by anyone at LLE.
 - a) True

- b) False
- 23) LLE hoist operators shall not carry loads over people.
 - a) True

- b) False
- 24) On trolley-mounted hoists, contact between trolleys or between trolleys and stops should be avoided.
 - a) True

- b) False
- 25) At LLE, any rope or chain that does not appear to be in a new condition must be tagged out for inspection by an external Certified Crane Inspector.
 - a) True

- b) False
- 26) Identify the eight hand signals by filling in the boxes with the correct letter. (8pts)
 - a) Hoist (raise)
 - b) Move slowly
 - c) Lower
 - d) Multiple trolleys

- e) Bridge travel
- f) Emergency stop
- g) Carrier travel
- h) Stop

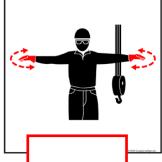


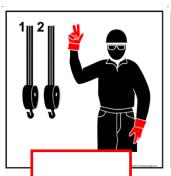














- 27) Which statement about load hooks is the most correct?
 - a) Always make sure the hook supports the load
 - b) The latch must never support the load
 - c) Latches are intended to retain loose sling or devices under slack conditions
 - d) Latches are not intended to be an anti-fouling device
 - e) All of the above

| a) "Rata" b) " | oks are only to be loaded In-line. True ted Load" is defined as; | b) | T.I. | | | |
|--------------------------|--|-------------|---|--|--|--|
| 30) "Rat a) 7 b) 7 | | b) | | | | |
| a) 7 b) 7 | ted Load" is defined as; | | False | | | |
| b) 7 | | | | | | |
| , | The maximum load for which a crane or hoist | _ | | | | |
| ~) j | The maximum load which you intend to lift du | ring a sl | hift. | | | |
| | Maximum load capacity plus 25%. | | | | | |
| d) ' | The load weight applied on the hook(s). | | | | | |
| 31) Whe | en moving a load you should | | | | | |
| | Keep the load as high as possible. | | | | | |
| b)] | Never hoist loads over personnel. | | | | | |
| | Only stop the load over other workers when ne | ecessary | • | | | |
| d) ' | Travel at full speed. | | | | | |
| 32) Any | v overhead hoist found to have a deficiency sha | ıll be de | -energized and tagged out in accordance | | | |
| | LLE lockout/tagout procedures. | | | | | |
| a) ' | True | b) | False | | | |
| 33) The | primary purpose of a hoist limit switch is to | | | | | |
| | Prevent overtravel of the powered bridge. | | | | | |
| | Limit hook travel. | | | | | |
| | Ensure the holding brakes are functioning. | | | | | |
| d)] | Replace the geared limit switch. | | | | | |
| 34) Prio | or to operating an overhead crane or hoist for th | ne first ti | ime the operator should | | | |
| | (4) Prior to operating an overhead crane or hoist for the first time, the operator should a) Make sure people are at least 3-feet from the hoisting action. | | | | | |
| | Read the crane or hoist operators manual. | oisting t | | | | |
| | Read the load chart and check all operating rac | lii. | | | | |
| | Test the crane's or hoist's dynamic braking. | | | | | |
| 35) The | first test of an upper limit switch should be co | nducted | l at | | | |
| | Fastest hoist speed. | | 50% of rated speed. | | | |
| | Slow speed. | | 75% of rated speed. | | | |

- a) Checked to ensure the lift is within capacity of the hoist and support structure.
- b) No greater than 110% of the hoist's capacity.
- c) Rigged with a chain sling to avoid slipping.
- d) Checked by lifting it a few inches to see that the hoist can handle the weight.
- 37) One of the most important aspects of maintaining safety of overhead hoist and rigging operations is
 - a) Keeping all body parts 10-feet from the load.
 - b) Knowing the weight of the load.
 - c) Never using chain slings.

- d) Never using slings for more than 50% of their rated capacity.
- 38) The hoist or crane user should conduct an inspection by
 - a) Placing a load of at least 50% of the hoist capacity on the hook.
 - b) Ensuring a load equal to 10% of stated line pull is on the hook.
 - c) Ensuring the hoist will be capable of running into the switch at 115% of rated speed.
 - d) The operator exercising each of the hoist functions.
- 39) When positioning a hoist for a true vertical lift
 - a) Be ready to move the load quickly when the load swings.
 - b) Get the load hook within 12-inches of the load center.
 - c) Hoist and travel quickly to catch the drift.
 - d) Make sure the hook is above the load's center of gravity.
- 40) Unusual noises and/or vibrations should be
 - a) Caused by normal travel of the hoist.
- c) Immediately reported to supervisor.
- b) Ignored until the end of your shift.
- d) Recorded on the daily inspection log.
- 41) The operator shall not leave his position at the controls
 - a) Until his shift has ended.
 - b) While a load is suspended.
 - c) Until the brakes have been checked and the load is secure in its elevated position.
 - d) Until power has been locked out.
- 42) If the hoist operator has any questions or concerns about operating safety or rigging, he/she should
 - a) Check with supervision for a resolution.
 - b) Make their best estimate of safety and get the job completed.
 - c) Work extra cautiously.
 - d) Quit the job and go on to other work.
- 43) If an overhead hoist has a "Do Not Use" tag on the disconnect you should
 - a) Consult a co-worker for his or her suggestion.
 - b) Not use the hoist.
 - c) Use the hoist for your shift and place the tag back on the hoist.
 - d) Use the hoist sparingly.