



Industries [ ] Constructors [ ] Deep Foundations [ ] Equipment Services [ ] Maritime [ ]

### TRAINING DOCUMENTATION FORM

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| Course Name: (please print neatly)     | Course Description: (please print neatly)   |
| Instructor Name: (please print neatly) | HR Training - HATBOX<br>Instructor Signature:                                     |
| Date: (please print neatly)            | <input type="checkbox"/> New Training <input type="checkbox"/> Refresher Training |

|    | PRINT NAME | SIGNATURE | CO. / DIV. | JOB # | EXPENSE CODE | EMPLOYEE # or SS# |
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## LIFTING (CRANE) OPERATIONS - WORKING UNDER THE LOAD

When you think about it, the human body is totally out-matched when it tries to go against a load being lifted by a crane. Think of the dangers for a moment. First the load is being lifted by a mechanical device operated by a human being. We know that both are subject to limitations and failures. Something can go wrong despite our best intentions. Loads can be heavy, difficult to rig, and are subject to unexpected movement. There is only one sure way to avoid injury-stay clear of the load!

Crane movements should always be considered prior to set up. Every effort should be made to avoid having to move the load over the work area. If this cannot be done, work should be temporarily halted and the area cleared while the pick is taking place.

Be aware of what is happening around you and above you.

Others may not be as conscientious as they should. An operator may not even think of the danger of moving a load over your head. If you see a load coming, get out of the way. Don't forget to look out for your buddy also.

Riggers and others may have to work near a suspended load in order to guide it into position. The use of tag lines can help keep you out of harm's way. The tag line will put distance between yourself and the load in the event the load shifts or moves unexpectedly. Tag lines can help keep a load under control but remember, your weight is no match against a load that has started to swing or spin and develop momentum. Let a swinging or spinning load settle down on its own.

When tending tag lines, never loop the line around your hand, arm, or body. This could cause you to be dragged along with the load.

Wear gloves. This helps you avoid rope burn.

Lastly, be sure if you are guiding a load with a tag line that your travel path is clear and safe before the load is suspended. You will be spending a lot of time watching the load, rather than where you are going. It would be a shame to take all of the precautions to avoid being caught by the load, only to be injured in a fall.

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| Course Name: (please print neatly)        |        | Course Description:         |       |
| <b>Working Under the Load HB.015</b>      |        | <b>HATbox</b>               |       |
| Instructor Name: (please print neatly)    |        | Instructor Signature:       |       |
|   |        |                             |       |
| Employee Name: (please print neatly)      |        | Employee/Student Signature: |       |
|   |        |                             |       |
| S.S. or Employee #: (please print neatly) | Job #: | Score:                      | Date: |
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## Working Under the Load QUIZ

1.     \_\_\_ True \_\_\_ False   A worker is able to control a swinging load with a tag line.
2.     \_\_\_ True \_\_\_ False   Rigging that helps suspend a heavy load from a crane can fail causing the load to shift and fall onto workers below.
3.     \_\_\_ True \_\_\_ False   Crane operators should avoid moving a load over an area where people are working.
4.     \_\_\_ True \_\_\_ False   Workers should not worry about what work is going on overhead.
5.     \_\_\_ True \_\_\_ False   If you see a load coming your way, you should wave at the crane operator.
6.     \_\_\_ True \_\_\_ False   Tag lines can be used to help move a load into position.
7.     \_\_\_ True \_\_\_ False   Tag lines that are looped around the body or other body parts can cause a worker to be pulled into harms way.
8.     \_\_\_ True \_\_\_ False   Workers should use tag lines to fight against a swinging or spinning load to get it under control.
9.     \_\_\_ True \_\_\_ False   Workers should NEVER walk under a suspended load.
10.    \_\_\_ True \_\_\_ False   Workers should check that the path is clear while guiding the load, because doing it before hand wastes time.

## Working Under the Load ANSWER KEY

1.     \_\_\_ True  False     A worker is able to control a swinging load with a tag line.
2.      True \_\_\_ False     Rigging that helps suspend a heavy load from a crane can fail causing the load to shift and fall onto workers below.
3.      True \_\_\_ False     Crane operators should avoid moving a load over an area where people are working.
4.     \_\_\_ True  False     Workers should not worry about what work is going on overhead.
5.     \_\_\_ True  False     If you see a load coming your way, you should wave at the crane operator.
6.      True \_\_\_ False     Tag lines can be used to help move a load into position.
7.      True \_\_\_ False     Tag lines that are looped around the body or other body parts can cause a worker to be pulled into harms way.
8.     \_\_\_ True  False     Workers should use tag lines to fight against a swinging or spinning load to get it under control.
9.      True \_\_\_ False     Workers should NEVER walk under a suspended load.
10.    \_\_\_ True  False     Workers should check that the path is clear while guiding the load, because doing it before hand wastes time.