KNOW HOW, KNOW WHY!

GET TRAINED!!

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OSHA: 1926.1401 Definitions.

**Qualified rigger:** is a rigger who meets the criteria for a qualified person.

- Qualified riggers are required anytime workers may be in the fall zone.
- The fall zone is anywhere the load can reach if lost or out of control.

**OSHA effective date is 90 days from August 9, 2010**

Riggers are not required to be certified, but must be qualified for the rigging they are doing.

Years of experience does not make you qualified.
OSHA: 1926.1401 Definitions.

**Qualified rigger:** is a rigger who meets the criteria for a qualified person.

- Recognized degree or Certificate of professional standing or...
- Has extensive knowledge or experience (How do you verify this?)
- Trained (documentation of training programs taken.) How do we know training was effective?
- Demonstrate the ability to solve or resolve problems relating to the subject matter at work. (How do you test this?)

Certification fits all of the above criteria. It is one way a rigger can demonstrate the ability to solve or resolve problems relating to the subject matter and work and training was effective.

**Qualified Person:**

A person who, by possession of a recognized degree or certificate of professional standing, or who, by extensive knowledge, training, and experience, has successfully demonstrated the ability to solve or resolve problems relating to the subject matter and work.
1. What grade of chain is acceptable for overhead lifting?
2. What is the minimum sling angle your sling should be rigged at?
3. What information is required on below the hook lifting equipment?
4. A choker hitch rating on a nylon sling is based on what angle of choke?
5. What is the weight of a cubic foot of steel?
6. When connecting two slings to a crane hook, what is the maximum included angle?
7. When connecting two slings to a shackle what is the maximum included angle?
8. How many broken wires is cause for rejection on a wire rope sling?
9. What happens when you choke a nylon sling on a shackle, eyebolt or hook?
10. How much stretch is allowed on chain slings?
11. When using a double sling, the legs of the slings connect to the load using a choke hitch. What is the minimum angle I can have the slings at when there is no positive stops?
12. A wire rope sling lifting a load with a shackle of the same diameter will reduce the rated capacity of the sling by how much?
13. How does an operator stop a swinging load?
14. What ASME Specification covers safe use, care and inspection of rigging hardware? What equipment is included this spec.?

If your riggers have trouble answering any of these basic questions, they are not qualified and need training. This is just a small sampling of the required knowledge a basic rigger needs to know.
Basic Rigger/Signalperson Certification

The basic rigging/signalperson training coaches students on how to take the Nationally Accredited Written and Practical Exams for Basic Rigger/Signalperson Certification.

1st Day: Training Course 8 hrs (8:00am – 5:00pm)
• Safe use, care and inspection of wire rope, chain and synthetic web slings, rigging hardware, and lifting devices.
• Safe use, care and inspection of hoists, chain falls and come-alongs
• Reading load charts for wire rope, slings and rigging hardware.
• Sling Tensions
• Safe rigging practices and procedures.
• Review of the requirements of ASME B30.9, OSHA 1910.184, ASME B30.5
• Hand signals & voice signals per ASME/OSHA 29 CFR Part 1926
• Responsibilities of signalpersons per ASME/OSHA 29 CFR Part 1926
• Basic Hitch Configurations
• Knots and Tagline Use

OPTIONAL
2nd Day: Written test and hand signal practical exam (approx 2 hrs)
Testing starts at 8:00 am (CIC)
• Nationally Accredited Written and Practical Exams for Basic Rigger/Signalperson (one exam)

Call for on site training and quotation.

GET YOUR RIGGERS QUALIFIED!