

CRANES AND RIGGING



Regardless of how new or safe a crane appears, planning for its use is necessary. Improper load rigging or a mechanical rigging failure exposes workers to numerous potential hazards and can result in dire consequences. A general lift plan is easy to develop and provides important details regarding the equipment's limitations to help reduce risk. Topics to discuss prior to starting rigging operations include associated hazards, worker roles and responsibilities, the weight of the items being lifted, equipment limitations, and proper communication during the lift. Critical lifts include, but are not limited to, those that exceed 75 percent of crane capacity at the required swing radius, lifts that use multiple cranes, or lifts over occupied structures. Critical lifts require additional written planning before they proceed.

Rigging gear and equipment must also be inspected before each use by a knowledgeable inspector. Remove defective gear and equipment from service immediately. Items to check for include fraying nylon slings, bent or sprung hooks, stretched links and chain slings, and kinks or breaks in wire rope slings.

OSHA requires that riggers are qualified to understand and identify associated hazards, familiar with proper techniques and equipment, and knowledgeable of equipment ratings and limitations. In addition to OSHA's standards, many states have additional regulations in place. For instance, all riggers in Pennsylvania must be qualified. The process generally includes classroom instruction, a written exam, and a hands-on skill demonstration.

RETTEW's Safety Consulting group offers courses in Crane and Rigging Qualification and Crane Signaling. If you would like an evaluation or are interested in training opportunities, please contact Kelly Kramer, at 717-516-7537 for additional information.

MARK YOUR CALENDAR!

- 6/24 First-Aid/CPR/AED/BBP
- 7/8 National Safety Council - Defensive Driving
- 7/18-24 HAZWOPER Site Worker
- 7/18-20 HAZWOPER Technician
- 7/21 First-Aid/CPR/AED/BBP, Initial
- 7/22 Permit-Required Confined Space
- 7/26 First-Aid/CPR/AED/BBP, Initial
- 7/27-28 OSHA General Industry
- 7/29 Permit-Required Confined Space

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TRAINING CENTER



[Safety Consulting Training Highlight Video](#)

Contact us with questions or to schedule training!

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