

Safety Brief: Crane Work

Rules and Requirements

- Set up
 - Crane use requires the following:
 - Assignment of set roles prior to any crane picks
 - **Site Supervisor:** Person who exercises control over the job site.
 - **Lift Director:** Must be a qualified person who possesses a recognized degree, certificate, or professional standing, or who by extensive knowledge, training and experience, successfully demonstrated the ability to solve/resolve problems relating to the subject matter, the work, or the project.
 - **Crane User:** Arranges and uses the crane to complete work
 - **Crane Owner:** Owns the crane
 - **Crane Operator:** Certified and qualified to operate the specific crane to be operated
 - **Rigger/Signaler/Oiler:** Must have competent person training and experience with crane picks.
 - Submission and review of a pick plan
 - Pre-Pick meeting
 - All workers on the crew must participate and sign off
 - Late arrivals must review and sign prior to working
- Roles
 - Site Supervisor:
 - Usually the Superintendent.
 - Oversees the Foreman to ensure that the pick plan, checklist and inspection are completed prior to any picks
 - Schedule Safety Team Member for pre-pick meeting
 - Lift Director:
 - Manages the all lift planning and execution in collaboration with the operator.
 - Must be present while the crane is in operation
 - Ensures that all procedures are followed, and the operator and riggers have provided all needed documents.
 - Crane User:
 - The company that has hired or rented the crane to complete scope
 - Must have current crane inspection
 - Provide qualified operator and rigger/signaler/oiler
 - Operator:
 - Must be certified and qualified
 - Operates the crane within the plan and loads
 - Ensures that the crane has been inspected
 - Rigger and Oiler:
 - Must be trained on the specific crane to be used
 - Must be certified
- Working with cranes
 - Powerlines - Oregon
 - Contact power provider to get written confirmation of exact voltage of lines in the vicinity
 - Deenergize lines in proximity

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- Or create Demarking boundaries (such as flags, elevated warning lines, barricades, **or** range limiting devices to prohibit the operating past the boundaries. Using OSHA Table A clearance. 1926.1408(h).
- Powerlines – Washington
 - Contact power provider to get written confirmation of exact voltage of lines in the vicinity
 - Deenergize lines in proximity
 - All of the following must be employed in Washington. Demarking boundaries (such as flags, elevated warning lines, barricades, or range limiting devices to prohibit the operating past the boundaries. Using OSHA Table A clearance. 1926.1408(h)
- General
 - Set up swing safety area with danger tape or rope.
 - **Never walk under a suspended load.**