

1. Read and understand the operator's manual and load chart before attempting to do any work with or on any crane.
2. Capacity charts or signs shall be placed, so they may be seen and read.
3. Thoroughly inspect the crane for such items as weld crack, worn or damaged wire rope, loose bolts, trash, dirt or snow buildup, oil or coolant leaks, fluid levels, and the condition of the tires. Make sure all windows and mirrors are clean and not covered by frost, mud, or dirt.
4. The operator must remain in the cab and at the controls any time a load is suspended.
5. Always use the grab irons and steps to get on or off of the crane. Never jump off of the machine.
6. Hooks on blocks and snatch blocks will have a safety latch.
7. Make sure that all controls are in the neutral position and that all brakes are set before starting the crane. Never start the crane unless you are sitting in the operator's seat.
8. Allow the crane's engine and hydraulics to warm up before attempting to move or operate the crane.
9. Hooks on loading equipment shall be inspected for defects.
10. Check all controls (steering, transmission, brakes, hoist, boom hoist, swing, etc.) for proper function before placing the machine into operation.
11. Carefully inspect the area around the crane for obstructions. Never allow any part of the crane to come closer than ten feet from a power line. Make sure there is adequate support for the crane and load before you attempt to make a lift. Use cribbing under the outrigger floats if necessary.
12. Always consult the load chart before you attempt a lift. Do not exceed the capacities on the chart.
13. Barricade or restrict access to the area within the swing radius of the crane to prevent injury.
14. When picking up loads using chains or slings the load hook shall be centered to the load.
15. When picking loads, tag lines shall be used to guide the load.
16. Slings and chains shall be adequate to hold the weight of products being lifted.
17. Employees will not ride the loads.
18. Hold tension on the cable when reeling in or out on the equipment.
19. Lower all raised equipment to the ground and set all brakes before exiting the crane.
20. Turn off the engine and allow the machine to cool before working on the machine.

## Additional Resources

[OSHA Hazards & Solutions – Crane, Derrick & Hoist Safety](#)