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Other Scaffolds » Aerial Lifts

Aerial lifts are one of the most common devices used to conduct work from elevated locations and are commonly used to replace traditional shipyard scaffolding. Aerial lifts are defined as, "any vehicle-mounted device, telescoping or articulating, or both, which is used to position personnel." [[1910.67\(a\)\(1\)](#)]

Commonly used terms in the shipyard for aerial lifts include:

- JLG™
- Genie High Lift™
- Condor Lift™
- Snorkel Lift™

There is a difference between aerial lifts and scissor lifts.

Requirements and Example Solutions

- Lift controls must be tested daily. [[1910.67\(c\)\(2\)\(i\)](#)]
- Operators must be trained. [[1910.67\(c\)\(2\)\(ii\)](#)]
- Employees must work within the basket. [[1910.67\(c\)\(2\)\(iv\)](#)]
- Body belts (such as harnesses) with lanyards must be used. [[1910.67\(c\)\(2\)\(v\)](#)]
- Load limit must not be exceeded. [[1910.67\(c\)\(2\)\(vi\)](#)]
- Brakes must be set; outriggers used, if so equipped; and wheels chocked; if on incline. [[1910.67\(c\)\(2\)\(vii\)](#)]
- Unless designed, aerial lift trucks may not be moved when the boom is elevated in a working position with workers in the basket. [[1910.67\(c\)\(2\)\(viii\)](#)]
- Upper and lower controls are required and must be plainly marked. Lower controls must be provided for overriding the upper controls. [[1910.67\(c\)\(2\)\(ix\)](#)]
- Special precautions should be made when aerial lifts are used on vessels (for example barges, floats) to ensure the vessel and the lifting device is stable.
- Personal flotation devices (PFD) should be used when working over water.
- Caution should be taken for potential crushing hazards (for example booming into the overhead, pinch point).
- ANSI has additional requirements for these types of devices. [ANSI/SIE A92.2 and A92.5]

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