

Aerial Lift Safety Training Chandler

Aerial Lift Safety Training Chandler - Each and every year, there are around 26 construction fatalities due to the utilization of aerial lifts. Most of the craftsmen killed are electrical workers, laborers, carpenters, painters or ironworkers. The majority of the deaths are caused by electrocutions, falls and tip-overs. The greatest risk is from boom-supported lifts, such as bucket trucks and cherry pickers. The majority of the deaths are related to this particular type of lift, with the rest involving scissor lifts. Other dangers include being thrown out of a bucket, being struck by falling objects, and being caught between the lift bucket or guardrail and an object, like a steel beam or joist.

The safe operation of an aerial lift requires an inspection on the following items before utilizing the device: operating and emergency controls, safety devices, personal fall protection gear, and wheels and tires. Check for possible leaks in the air, hydraulic fluid and fuel-system. Check the device for loose or missing components.

The place where the device will be used should be carefully examined for potential dangers, like holes, bumps, debris and drop-offs. Overhead power lines should be avoided or closely monitored. It is recommended that aerial lift devices be used on stable, level surfaces. Never work on steep slopes which exceed slope restrictions specified by the manufacturer. Even on a level slope, brakes, wheel chocks and outriggers should be set.

Businesses should provide their aerial lift operators with the correct instruction manuals. Mechanics and operators should be trained by a licensed person experienced with the applicable aerial lift model.

Aerial Lift Safety Tips:

- o Prior to operating, close doors and lift platform chains.
- o Climbing on and leaning over guardrails is prohibited. Stand on the floor of the bucket or platform.
- o Stay within manufacturer's load-capacity limits.
- o Utilize work-zone warnings, like signs and cones, when working near traffic.

Electrocutions are avoidable if safety procedures are followed. Stay well away from power lines - at least 10 feet. Trained electrical workers must de-energize and/or insulate power lines. Workers must use personal protective equipment and tools, like a bucket that is insulated. Then again, a bucket that is insulated does not protect from electrocution if, for example, the individual working touches a different wire providing a path to the ground.

Falls are preventable if the person working remains secure within guardrails or in the bucket by utilizing a positioning device or a full-body harness. If there is an anchorage within the bucket, a positioning belt with a short lanyard is acceptable.

Tip-overs are preventable by following the manufacturer's directions. Unless the manufacturer specifies otherwise, never drive whilst the lift platform is elevated. Adhere to the vertical and horizontal reach limits of the device, and never exceed the load-capacity which is specified.