

Aerial Lift Safety Training Port Coquitlam

Aerial Lift Safety Training Port Coquitlam - There are approximately 26 to 30 construction deaths within North America attributed to the utilization of aerial lifts. Nearly all of the people killed are craftsmen such as electrical workers, laborers, painters, ironworkers or carpenters. The majority of the fatalities are caused by tip-overs, electrocutions and falls. The greatest risk is from boom-supported lifts, such as bucket trucks and cherry pickers. Nearly all deaths are related to this kind of lift, with the rest involving scissor lifts. Other hazards consist of being thrown out of a bucket, being struck by falling objects, and being caught between the guardrail or lift bucket and an object, like a steel beam or joist.

To operate an aerial lift safely, carry out a check on the following things prior to utilizing the device: operating and emergency controls, safety devices (like for example, guardrails and outriggers), personal fall protection gear, and tires and wheels. Inspect for possible leaks in the air, fuel-system, hydraulic fluid. Inspect the device for missing or loose components.

The places where worker would utilize the aerial device must be checked thoroughly for possible hazards, like for instance bumps, holes, debris and drop-offs. Overhead powerlines need to be monitored and avoided. It is recommended that aerial lift devices be utilized on surfaces which are stable and level. Never work on steep slopes which exceed slope limits specified by the manufacturer. Even on a level slope, wheel chocks, outriggers and brakes must be set.

Employers are required to provide aerial lift operators and maintenance mechanics with the right manuals. Mechanics and operators should be trained by a certified individual experienced with the relevant aerial lift model.

Aerial Lift Safety Guidelines:

- o Close doors or lift platform chains prior to operating.
- o Climbing on and leaning over guardrails is prohibited. Stand on the floor of the bucket or platform.
- o Use the provided manufacturer's load-capacity restrictions.
- o When working near traffic, use right work-zone warnings, like for instance cones and signs.

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

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

By following the manufacturer's directions, tip-overs can be prevented. Never drive the lift platform whilst it is elevated, unless the manufacturer specifies otherwise. Adhere to the device's horizontal and vertical reach restrictions, and never go beyond the load-capacity that is specified.