

Aerial Lift Safety Training Coquitlam

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

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

The location where the device would be utilized must be carefully examined for potential hazards, like bumps, holes, drop-offs and debris. Overhead power lines must be closely monitored or avoided. It is suggested that aerial lift devices be utilized on surfaces which are level and stable. Don't work on steep slopes that go beyond slope limits specified by the manufacturer. Even on a level slope, wheel chocks, outriggers and brakes must be set.

Companies must provide their aerial lift operators with the right manuals. Mechanics and operators must be trained by a qualified individual experienced with the relevant aerial lift model.

Aerial Lift Safety Tips:

- 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 limitations.
- o Use work-zone warnings, like for instance cones and signs, when working near traffic.

If proper procedures are followed, electrocutions are preventable. Stay at least 10 feet away from whatever power lines and licensed electricians should insulate and/or de-energize power lines. Workers must utilize personal protective tools and equipment, such as a bucket which is insulated. Then again, a bucket that is insulated does not protect from electrocution if, for example, the worker touches a different wire providing a path to the ground.

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

By following the manufacturer's instructions, tip-overs can be avoided. Never drive the lift platform while it is elevated, unless the manufacturer specifies otherwise. Adhere to the horizontal and vertical reach limits of the device, and never exceed the load-capacity that is specified.