Aerial Lift Safety Training Calgary

Aerial Lift Safety Training Calgary - Every year, there are roughly 26 construction deaths attributed to the use of aerial lifts. Most of the craftsmen killed are electrical workers, laborers, painters, ironworkers or carpenters. Most fatalities are caused by tip-overs, electrocutions and falls. The greatest hazard is from boom-supported lifts, like for example cherry pickers and bucket trucks. The majority of the deaths are related to this type of lift, with the rest involving scissor lifts. Other dangers 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 for instance a joist or steel beam.

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

The area where the device would be used must be carefully checked for potential dangers, such as holes, bumps, debris and drop-offs. Overhead power lines must be avoided or closely monitored. It is recommended that aerial lift devices be utilized on stable, level surfaces. Do not work on steep slopes which go beyond slope restrictions which the manufacturer specified. Even on a slope which is level, brakes, wheel chocks and outriggers must be set.

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

Aerial Lift Safety Tips:
o Close lift platform chains or doors prior to operating.
o Do not climb on or lean over guardrails. Stand on the floor of the bucket or platform.
o Utilize the provided manufacturer's load-capacity limitations.
o When working near traffic, utilize appropriate work-zone warnings, like signs and cones.

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

When within the bucket, workers have to prevent possible falls by securing themselves to the guardrails by making use of a full-body harness or a positioning device. If there is an anchorage inside the bucket, a positioning belt together with a short lanyard is acceptable.

Tip-overs are avoidable by following the manufacturer's instructions. Unless the manufacturer specifies otherwise, never drive whilst the lift platform is elevated. Follow the device's vertical and horizontal reach limits, and never exceed the load-capacity that is specified.