

DuPage County Environmental, Safety, Health & Property Loss Control Program Scissor Lift Safety

Purpose: Establish safety protocols, coupled with manufacturer's safety instructions, for use of Scissor Lifts.

Policy: Only employees trained in the safe use of this lift equipment are permitted to operate such equipment.

Employees working outside of the platform must wear appropriate PPE including a full body harness with lanyard fall protection securely attached to: the lift if equipped with tie off points by the Manufacturer. or to a ceiling joist / I beam or other secure support when working outside of the lift.

Lift must not to be operated outside in a storm or when there is a threat of a storm.

Lift must not be operated when there are anticipated winds or gusts that exceed manufacturers Specifications. In the absence of such then the lift must not be operated when there are / or anticipated winds / gusts of 25mph or more.

Proper Positioning: It is imperative that the lift be used only on a flat solid base.

The slightest shift in slope can cause an extended lift to tip sideways and throw an individual out. If equipped with extendable support arms: extend them to their fullest length and secure them firmly against a flat surface.

Definition:

Scissor Lift: Devices used to elevate personnel to job sites above the ground and to move with much more freedom to work than on a ladder.

For purposes of this standard and IDOL/OSHA regulations a Scissor Lift is considered a mobile scaffold. Its platform only moves vertically, and functions via connected folding supports, which create a zigzagging "X" design. The scissor's action can be hydraulic, mechanical, or pneumatic. Additionally, they are powered by either gas or electricity. A diesel or gas-powered scissor lift is ideal for outdoor use but can never be used indoors. An electric scissor lift, however, is quiet and emission-free making it the excellent choice for indoor tasks.

PPE as Needed:

- Gloves
- Safety boots/shoes
- Safety glasses with side shields or safety goggles.

PPE Required:

- Fall protection Harness and Lanyard if working outside of the platform or recommended by manufacturer.
- Hard Hat

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Pre-inspection:

- ✓ Reading and understanding the manufacturer's Safety Instructions is required before operating a scissor lift. Lifts restrictions and operating a lift safely can vary by model and manufacturer.
- ✓ Inspect the tires for proper inflation and damage
 - ✓ Check platform for holes, loose tools, extension cords
- ✓ Check legibility of operational and safety controls
- ✓ Remove any trash or clutter from work platform
- ✓ Do not exceed the weight limit
- ✓ Never store oxygen or fuel gas cylinders on a lift, when welding or cutting the cylinders must remain on the floor in a secured position
- ✓ Never use as a material hoist
- ✓ Limit work to immediate area; traveling around the job site in an elevated position is prohibited
- ✓ When working near power lines or on exposed energized wiring be certain the power source has been locked out per County LOTO program.

Work Site Inspection: When approaching work site keep a watch for holes and debris.

- ✓ Do not to park on uneven ground
- ✓ Look for overhead obstructions and power lines
- ✓ Set emergency brake, if so equipped
- ✓ Position wheel chocks
- ✓ Position outriggers, if so equipped

Platform Use:

- ✓ If work will be performed outside of platform then Fall protection harness and lanyard.
- ✓ After entering reattach the guardrail or chain at the entry point
- ✓ Remain inside the work platform
- ✓ Never sit, climb or stand on the guardrails or anything else inside the platform i.e. turned over bucket, step ladder.
- ✓ Do not climb down from the platform when it is raised

Maintenance:

Follow Manufacturers recommendations