

































# Falls Account for 17.5% of All Work Comp Claims for Construction



Frequency of Claims



# Falls Account for 34% of the Total Dollars Paid on Work Comp Claims in Construction



Severity of Claims







Average Fall Claim



## Areas of Focus

#### Ladders

- Step Ladders
- Extension Ladders
- Articulated Ladders





## Areas of Focus

#### **Scaffolds**

- Fixed Scaffold
- Suspended Scaffold





# Areas of Focus

Aerial and Scissor Lifts

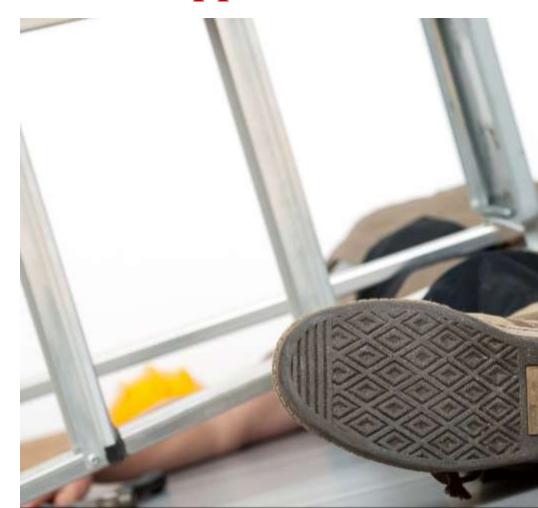






#### It Can...and Has...Happened

Employee was on a ladder accessing an attic when he slipped and the ladder came out from under him. He fell to the concrete floor, breaking his lower leg and foot.



It Can...and Has...Happened

Claim Amount = \$310,000

#### It Can...and Has...Happened

Employee sustained hip and wrist fractures after losing his grip and falling off a permanent ladder at a job site.

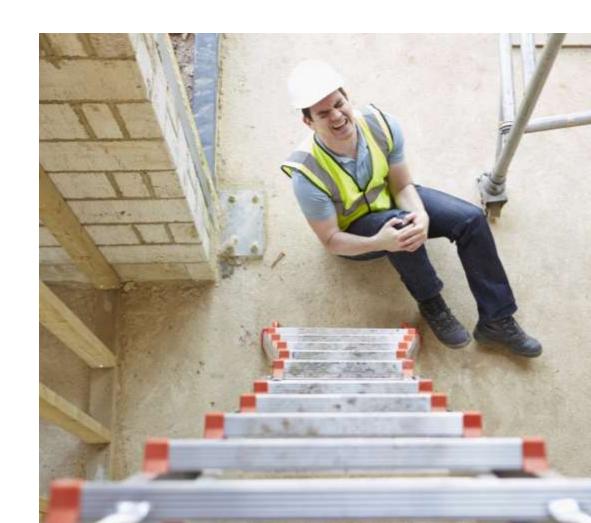


It Can...and Has...Happened

Claim Amount = \$210,000

#### It Can...and Has...Happened

Employee had multiple fractures to his leg and knee and sprained shoulder after falling off ladder attempting to get on the roof.



It Can...and Has...Happened

Claim Amount = \$165,000

#### Step Ladders

- Requires level ground
- Never place upon boxes, barrels, scaffolds, or any other unstable platforms
- Spreaders must be locked
- No standing or climbing on the rear unless specifically manufactured for use
- Only one person on the ladder at a time unless specifically manufactured for use
- Make sure you are checking weight capacities
- Make sure surfaces are clean and clear
- When working around electricity, use wood or fiberglass no aluminum!



#### Single and Extension Ladders

- Requires level ground or ladder levelers
- Top support must be provided and tied off
- Pitch should be around a 75 degree angle or 4:1 (4 foot rise to 1 foot distance from wall)
- Worker should stay within the rungs and not overreach
- Always maintain 3 points of contact (2 arms/ 1 leg or 1 arm/2 legs)
- Never carry anything while ascending a single or extension ladder
- When cresting a roof, 3 feet of clearance is required (3 rungs)
- Roofs should be accessed by exiting the ladder sideways

#### **Articulated Ladders**

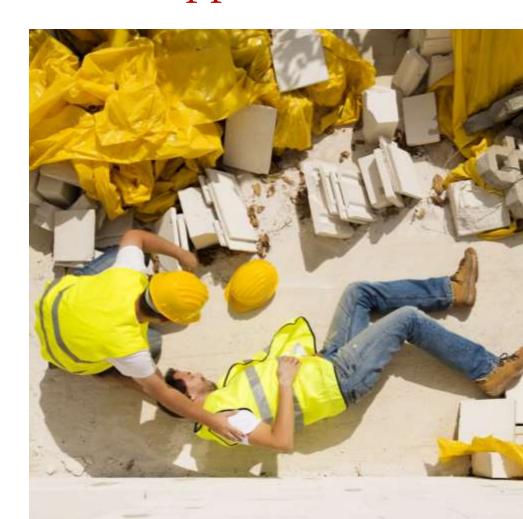
- Understand the locking mechanism of your hinges
- Understand the configuration options for your particular ladder they are different
- Never place upon boxes, barrels, scaffolds or any other unstable platforms
- Worker should stay within the rungs and not overreach
- Always maintain 3 points of contact (2 arms/1 leg or 1 arm/2 legs)
- Only one person on the ladder at a time
- Make sure surfaces are clean and clear
- When working around electricity,
  use wood or fiberglass no aluminum





#### It Can...and Has...Happened

Employee sustained a foot fracture and disc herniation after falling six feet off a scaffolding ladder.



It Can...and Has...Happened

Claim Amount = \$175,000

#### It Can...and Has...Happened

Employee was changing light bulbs overhead, stepped onto scaffold and it moved causing her to fall backwards onto concrete floor.



It Can...and Has...Happened

Claim Amount = \$55,000

It Can...and Has...Happened

Employee was moving scaffold over and scaffold fell and caught index finger (tore off part of finger)



It Can...and Has...Happened

Claim Amount = \$20,000

# Qualified and Competent Training including:



#### Other topics include:

- Must be erected and inspected by a competent person
- Material handling on the scaffold
- Maximum intended load capacities
- Scaffold maintenance and worksite changes
- Changes in type of scaffold, fall protection, falling object protection and other equipment hazards



# Aerial and Scissor Lifts





## Aerial and Scissor Lifts

It Can...and Has...Happened

Employee's knee popped when he stepped off scissor lift causing severe pain.



#### Aerial and Scissor Lifts

It Can...and Has...Happened

Claim Amount = \$60,000

#### It Can...and Has...Happened

Employee was climbing onto scissor lift to change bulbs, raised leg, felt it pop, then was unable to lift leg.



It Can...and Has...Happened

Claim Amount = \$40,000

### It Can...and Has...Happened

Employee amputated his ring finger on his hand while he was on the scissor lift, as his finger got caught in the heating unit and cut the finger off.



It Can...and Has...Happened

Claim Amount = \$35,000

#### Major Hazards

- Tip overs
- Falling objects
- Overhead obstruction



#### Tip overs (over 40% of all accidents)

- Never overload the lift know its capacity
- Keep on stable, level ground
- Use outriggers if equipped



### Falling Objects

- Mark off your areas
- Secure tools and materials on the lift so they don't fall below
- Inform others of your work in the area



#### **Overhead Obstructions**

- Be aware of inside and outside obstructions
- Beams, rafters, ceilings, HVAC systems, and lighting fixtures indoors
- Trees, power lines, and weather conditions outside
- Stay at least 10 feet away from all power lines



#### **Operation**

- Always inspect the lift before each shift
- Secure gates and guardrails when in motion
- Attach fall protection to the lift
- Stay on the platform don't climb on rails
- No ladders, planks, stools, etc. stay on the platform
- Wear PPE when necessary (gloves, hardhat, etc.)
- Don't overload #1 cause of tip over accidents

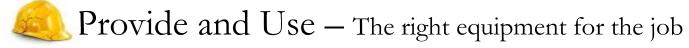


### Several Types and Manufactures

Understand your individual lift







Slow Down — Follow safe work procedures

Training is the Key — Understand the risks in your workspace





INSURANCE \*\*\*

QUESTIONS?

