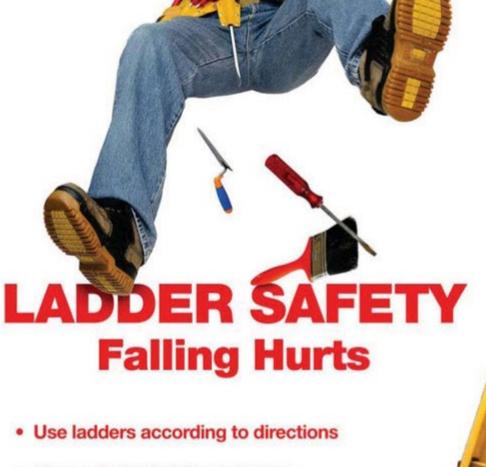
HPI Minute: Ladder Safety

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Never climb shelving or boxes



Statistics

- Falls remain a leading cause of unintentional injury and death across the country
- 130,000 people visit the emergency room per year for ladder related injuries
- 300 ladder related deaths per year
- 43 percent of fatal falls nationwide involve a ladder
- Falls are the leading cause of deaths in an around the home



USACE Fatality



- The employee was on an 8 foot ladder attempting to take a picture with their phone of a data plate on a lightning arrestor.
- The ladder tipped over and employee fell approximately 5 feet onto a concrete footing.
- Employee was treated on site, evacuated to the hospital, and later pronounced dead.

5 Rules of Ladder Safety*

Rule 1: select the right ladder for the job

Rule 2: inspect the ladder before using it

Rule 3: set up the ladder with care

Rule 4: climb and descend ladders cautiously

Rule 5: use common sense



^{*} Alliance Safety Council

Checklist Manifesto

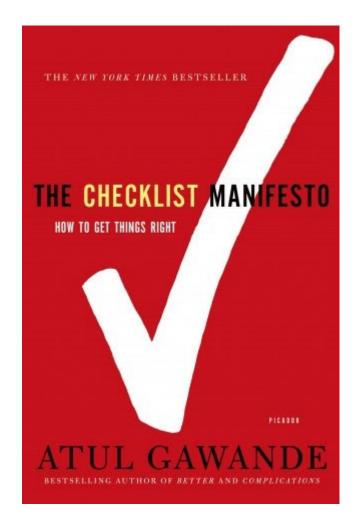
Two types of mistakes:

- Ignorance, mistakes because we don't know enough
- Ineptitude, mistakes because we don't apply what we know

Checklists improve outcomes Checklists don't tell you what to do, they help you be as smart as possible

Good Checklists are:

- Precise
- Efficient
- Reminders of critical steps
- Practical





OSHA Ladder Usage Checklist

☐ Be sure step ladders are fully open and locked before climbing them.	Mount the ladder from the center, not from the side.
 Place ladder on a flat, secure surface Place ladder on a hard surface as it will sink into a soft surface. Place ladder on non-movable base. 	 and hold on with both hands. Carry tools in pockets, in a bag attached to a belt, or raised and lowered by rope.
Lean ladder against a secure surface not boxes or barrels.	Don't climb higher than the third rung from the top.
Do not place ladder in front of a door.	Work facing the ladder.Do not overreach, always keep your torso
☐ Position base of ladder one foot away for every four feet of height to where it rests (1:4 ratio).	between the ladder rails. When using ladder for high places, securely lash or fasten the ladder to prevent slipping
 Ladder rails should extend at least three feet above top landing. Check shoes to ensure they are free of grease or mud 	Avoid outdoor ladder use on windy days. Avoid aluminum ladders if work must be



Before you climb a ladder Checklist

☐ Correct type
☐ Good condition
☐ Secure, stable footing
☐ Tall enough to stop at third rung from the top
☐ Properly positioned
☐ Positioned to avoid over-reaching
☐ Tell someone what you are doing

