

Fall Protection: No Room for Trial and Error

Trail & Error

- * Repeating experimental trials until the error is sufficiently reduced.**
- * Lets spot the error before there is a consequence.**
- * Plan by design not trial.**

So everyone knows about fall protection?



Not a clue



What can be done?



Keep the people in the pocket of the sling shot



Photos can defy words.



Will Fall could be a Willful ?



I don't think this will work.



All trades will fall



Lack of planning?



Gravity works inside and outside



Anything right?



Can rent a scaffolding but no ladder?



Will Fall – lack of training or planning?



Planning or Training?



Planning, Training or Equipment?



Working how I was trained.



Railing or work platform



What could go wrong?



Planning

- * Passive or active fall protection
- * Safe access the area.
- * Prevent the fall.
- * Stop the fall before hitting the ground.
- * Rescue.

Access

Ladders, stairs, skips, ramps,

- * Ladders

- * 4 to 1

- * Secure

- * Inspect

- * Training

- * Skips

- Stairs

- Secure and clean

- Multi use

- Less training

- * Ramps

Work Zone Transition

- * **Shute** (control line access)
- * Safe landing
- * Direct away from the edge to the work
- * Clean walkway
- * Warning by the edge



Work Zone Protection

- * Guardrails –
- * 42” 21”
- * 200 lbs.



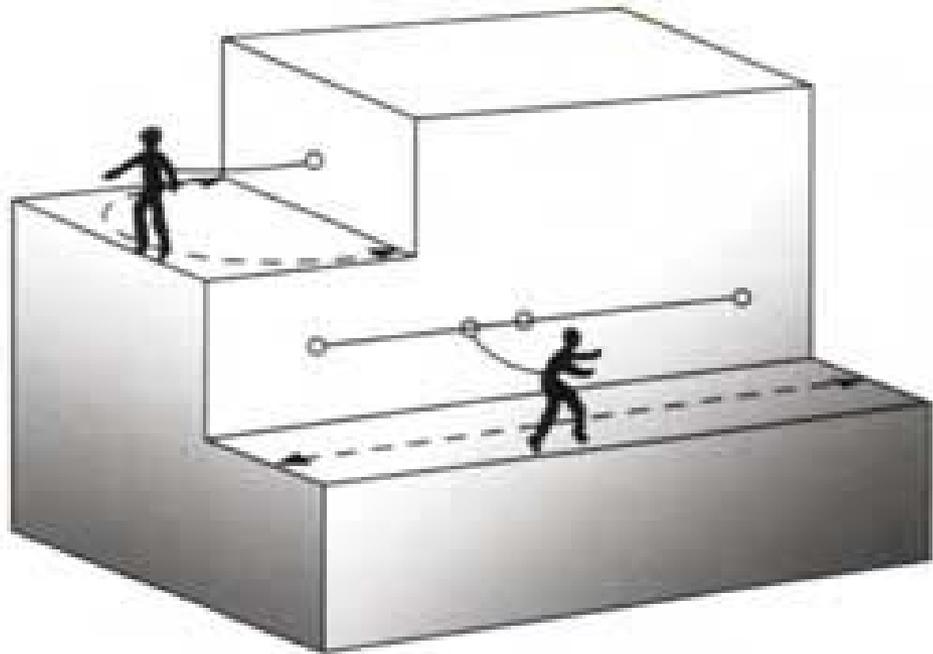
Work Zone Protection

- * Flagging
- * Roofing 6'
- * Safety Monitor
- * 15'
- * Visible
- * 50 lbs.



Fall Restraint

- * Keep away from the edge
- * On a line



Active Fall Protection

- * Person Fall Arrest System
 - * Anchor
 - * Harness
 - * Connection
 - * Rescue



Employer Duties

- * 1. Develop a written fall protection plan.
- * 2. Identify potential fall hazards prior to each project and during daily walk-arounds.
- * 3. Eliminate the need for fall protection where possible.
- * 4. Ensure that fall protection equipment is appropriate to the task.
- * 5. Conduct general fall prevention training on a regular basis.
- * 6. Train workers on the specific fall hazards identified.
- * 7. Conduct regular inspections of fall protection equipment
- * 8. Emphasize fall hazards unique to the site.
- * 9. Team up with other construction employers to identify best practices and share fall prevention solutions.

Employee Duties

- * 1. Understand your company's written fall prevention plan.
- * 2. Attend and participate in fall prevention training.
- * 3. Use fall protection equipment if required for the job.
- * 4. Inspect fall protection equipment and devices before each use.
- * 5. Make sure that floor holes, open shafts and riser penetrations are protected.
- * 6. Get specialized training before working on scaffolds, lifts or ladders.
- * 7. On a boom lift, keep your feet firmly on the platform and tie-off at all times.
- * 8. Chose and use the correct ladder for the task
- * 9. Contact your supervisor if you see fall hazards or have any questions about fall prevention.

No Trial NO Error

- * Planning
- * Training
- * Inspection
- * Oversight
- * Lessons learned
- * Re-evaluate