

# KCA TOOL BOX TALK: Roof Collapse



TEAMWORK  
IMPROVES SAFETY

## Signatures

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Although the foundation of a building affects how sturdy the structure is, the roof and its supporting elements are just as important.

***Here is an Example:*** Mike, Jose and Dave were installing shingles on the porch of a single-family dwelling under construction. The new porch roof had been fastened to the side of the home with two brackets on one side and nailed to the inside frame on the other side. The employees were using personal fall protection equipment that had been secured to the roof of the structure. The roof collapsed because the four bracket nails pulled out. All three employees fell to the ground. Mike was treated for a lacerated chin. Jose was hospitalized for a fractured leg. Dave was hospitalized for a fractured wrist.

1. What could the construction company have done to prevent this unsafe work site?
2. What should the workers have done?

## Preventing Injuries from Roof Collapse:

- Make sure that there is guarding and/or fall protection.
- Ensure the roof is fully nailed to the walls before getting on it.
- Inspect the jobsite for hazards before work.

For more information visit OSHA STANDARD: 1926.501

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***Teamwork Improves Safety!***

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