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# Safety Lessons Learned Accident Abstract

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**Accident Type:** Pinch Point

**Injury:** Tip of right ring finger amputated.

**Damage:** N/A

**Equipment Involved:** PERI pan decking system

**Type of Work:** Stacking form racks



## **DESCRIPTION OF THE ACCIDENT:**

Two workers were stacking the PERI deck form racks for transporting. Each rack is stackable. The bottom of the next higher rack sets on top of thirteen 2 inch projections. Each corner of the rack has feet that fit inside the lower rack. From time to time the feet get caught on the lower rack and the workers shake the stack to free the feet. The workers were shaking the racks to fit them together. As they dropped into place one of the workers right ring finger was in the way of the one of the support projections. Each rack weighs approximately 145 pounds yielding in this case 290 pounds of weight dropping an inch on to the worker's finger. The worker was wearing gloves.



## **DIRECT CAUSE(S):**

- ◆ Body part caught in a pinch point.

## **INDIRECT CAUSE(S):**

- ◆ Inattention to body position.
- ◆ Pinch points are not identified on the racks.
- ◆ Pinch points were not identified in AHA and were not mentioned during the AHA review.

## **ROOT CAUSE(S):**

- ◆ The projections that support the next higher rack create a pinch point.
- ◆ Shaking the racks to settle them (uncontrolled gravity energy release) rather than lifting (controlled movement) the racks to refit them.

## **LESSONS LEARNED:**

- ◆ Pinch point hazard added to AHA.
- ◆ Rack pinch points were discussed with the decking crew.
- ◆ Letter sent to manufacturer to inform it of the mishap.
- ◆ Letter sent to the PERI deck rental company.
- ◆ Workers instructed to lift the rack rather than wiggle it to properly fit both together.

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