



Safety Alert

CRUSH INJURY

Background

On January 04, 2019 sub contract workers were unloading steel I beams from a flatbed truck utilizing cables, pelican hooks and a skid steer.

What Happened?

Worker was off loading beams from the delivery truck. Workers were utilizing pelican hooks and cables, kiddie corner. They were utilizing a skid steer with forks to lift the beam from underside when required. During the lift the pelican hook slid from its position to the opposite side of the beam. The pelican hook(60 lbs) struck the workers hand that was on the flange. Worker hand was crushed, the operation stopped. Worker was assessed and provided first aid on site and then was escorted to medical facility for further attention. Worker underwent surgery and had his left pointer finger amputated at the first knuckle.

Investigation Findings.

The investigation identified the immediate cause as improper hand placement. Worker had his hand over the flange when the lift started. Having his hand in this position allowed for the pelican hook to strike his hand. to keep sanded.

Root causes identified are: **Unintentional Human Error.** The worker did not willfully place himself in danger. Inadequate work place layout, there site was congested, and the workers were required to utilize a transfer

system to unload and place material.

Inadequate Work Planning – The Crew failed to identify a safe load/unload area that would allow the standard practice to move the material onto site.

Corrective Actions?

Through the investigation it was determined that to prevent further incidents a safe work procedure must be developed and reviewed with worker prior to start of the work. A site review is to be completed to determine the best load/unload area.

How to prevent this on other sites?

To prevent this from reoccurrence it is recommended that a plan be in place prior to commencing work. The plan is to include the review of the procedure, the removal of workers not involved in the lift, hazard assessment review to include location and equipment requirements. A signal is to be given to have all workers away from pinch points prior to the lifting operations.

Sub-Trade selection – this trade noted during discussions that this type of incident has occurred 4 other times on their sites. This signifies lack of training and not following through on corrective actions. This would be a known hazard and corrective actions should be in place for the workers to follow.

For More Information

Contact Rose Lloyd rlloyd@krawford.com

