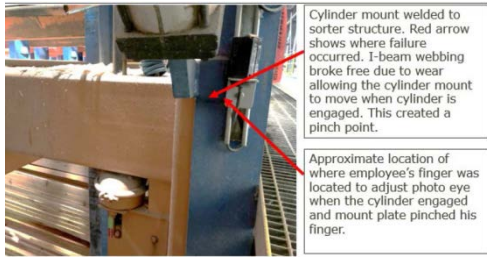


DESCRIPTION OF EVENT**FINGER PINCHED WHILE
ADJUSTING PHOTO EYE**

An electrician was called to adjust a bin index photo eye on the sorter. This is a regular and common task that is performed during equipment operation. All moving parts are guarded and photo eye adjustments are made from operator area.

While the electrician was making the adjustment a gate cylinder was activated. The cylinder mount was damaged allowing it to move and pinch the employee's finger.



Cylinder mount welded to sorter structure. Red arrow shows where failure occurred. I-beam webbing broke free due to wear allowing the cylinder mount to move when cylinder is engaged. This created a pinch point.

Approximate location of where employee's finger was located to adjust photo eye when the cylinder engaged and mount plate pinched his finger.

SUGGESTED ACTIONS

- Disable or de-energize bin prior to making photo eye adjustments.
- Inspect gate cylinder mounts for signs of wear or damage.
- Review and revise the safe work procedures for adjusting bin index photo eye adjustments.

IMPORTANT TAKE AWAY

Situational awareness during routine tasks can be improved with pre-task assessments.

