

# MANUFACTURING SAFETY ALERT

Ask Yourself  
"Could it happen here?"

## DESCRIPTION OF EVENT

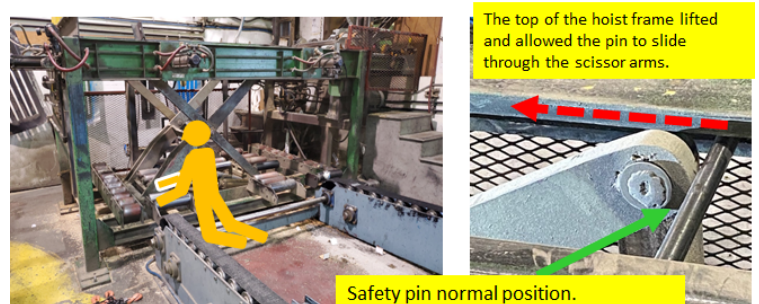
### T & G Hoist Safety Pin Failure

Two millwrights were fixing a scissor arm bearing on the outfeed hoist. They followed the correct lockout procedure of the hoist and installed the safety pin prior to starting the work.

As they were attempting to align the bearing to bolt it back into place, the hoist dropped and pinned both forearms of one of the millwrights between the frames bruising the back of their hand.

An investigation revealed the hoist's top frame and the scissor arms separated causing the safety pin to slip between them, which led to the hoist falling down.

Fortunately, the hoist did not drop quickly and only pinned the millwright's arms momentarily. The other millwright was able to lift the top frame of the hoist and allow the pinned millwright to free his arms.



## SUGGESTED ACTIONS

1. Use a secondary means to secure hoist (i.e. chained-up) to complete repairs.
2. Investigate why the safety pin system failed.
3. Inform all employees that until risk assessments on all hoists are completed, no one should work on, under or inside a hoist unless it is secured by a secondary means in addition to the safety pin (e.g. the safety pin is in place AND chained-up).
4. Complete an inventory and risk assessment on all hoists.
5. Review safe work procedure and revise for any time maintenance work that is to be completed on a hoist.

## IMPORTANT TAKE AWAY

Consider using more than one form of gravity control during lockout. Chain-up equipment that still has stored energy like gravity.

**MAG**  
Manufacturing Advisory Group

**20**  **BC Forest Safety**  
YEARS

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