

**SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIFp)**

# SAFEGUARDING



**SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIFp) INCIDENTS ARE NEAR-MISS EVENTS CONNECTED WITH HIGH RISK ACTIVITY THAT HAVE POTENTIAL FOR SERIOUS INJURIES AND FATALITIES. SOME OF THESE NEAR MISSES ARE NOT REPORTED BECAUSE NO ONE WAS INJURED.**

REPORTING THESE INCIDENTS ALLOWS THE OPERATION TO FULLY INVESTIGATE THE CAUSES AND DEVELOP CONTROLS TO AVOID THE INCIDENT IN THE FUTURE. SAFEGUARDING IS CONSIDERED A SIFp CATEGORY FOR HIGH RISK ACTIVITY. SAFEGUARDING NEAR-MISS EVENTS MAY INCLUDE:

- UNGUARDED BELT HEAD AND TAIL PULLEY
- PROJECTILE RISK - FAILURE TO CONTAIN EJECTED MATERIALS
- EXPOSURE TO UNPROTECTED HAZARDS OR POINT OF OPERATION NIP/ PINCH/CRUSH POINTS
- EXPOSURE TO UNCONTROLLED RELEASE OF PRODUCT (OBJECTS, BOARDS, LOGS) FROM EQUIPMENT



**BC Forest Safety**

Safety is good business

# SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIF<sub>p</sub>) SAFEGUARDING



**DISCUSS THE FOLLOWING EXAMPLES TO RAISE AWARENESS OF SIF<sub>p</sub> EVENTS AND THE POTENTIAL OUTCOME IF THESE NEAR-MISS EVENTS ARE NOT REPORTED.**

1) While working with an unguarded tail spool, a worker noticed some debris in the underside of the belt and took a stick he found on the floor to clear out the debris.

- What are the potential outcomes?
- Is this a SIF<sub>p</sub> event?

2) A worker was using a hand-held grinder to cut off the head of a rivet on a lumber transfer chain. He wanted to remove a couple of links to shorten the chain. The grinder was not equipped with a guard. The worker was wearing safety glasses, not a face shield.

- What are the potential outcomes?
- Is this a SIF<sub>p</sub> event?

3) A worker was cleaning up around the sorter and notice a large build-up under the chains. The build-up was easily accessible so the worker just reached around the top of guard fencing and started pulling out the debris so he wouldn't stop production.

- What are the potential outcomes?
- Is this a SIF<sub>p</sub> event?

4) A worker was feeding rough lumber into a stripsaw. The worker was instructed to feed the lumber into the stripsaw from the side. However, to push the boards into the machine with enough force, the worker stood at the end of the infeed table.

- What are the potential outcomes?
- Is this a SIF<sub>p</sub> event?