

SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIF_p) FIRE & EXPLOSION



SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIF_p) INCIDENTS ARE NEAR-MISS EVENTS CONNECTED TO 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.

FIRE AND EXPLOSION IS CONSIDERED A SIF_p CATEGORY FOR HIGH RISK ACTIVITY. FIRE AND EXPLOSION NEAR-MISS EVENTS MAY INCLUDE:

- **HOT WORK-RELATED FIRE START OR SMOLDER**
- **FIRE OR EXPLOSION REQUIRING EXTINGUISHMENT - REGARDLESS OF CAUSE**



BC Forest Safety

Safety is **good** business

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DISCUSS THE FOLLOWING EXAMPLES TO RAISE AWARENESS OF SIF_p EVENTS AND THE POTENTIAL OUTCOME IF THESE NEAR-MISS EVENTS ARE NOT REPORTED.

1) A contract millwright was performing hot work in the basement breezeway between the sorter and trimmer. There was no approved HOT WORK permit posted and he did not remove all combustibles from the immediate area.

- What are the potential outcomes?
- Is this a SIF_p event?

2) A filer was re-tipping some saws in the filing room and noticed some slag had fallen off his bench onto the floor. There was some smoke, but it seemed to have disappeared. Later in the day, he was cleaning up and swept under his bench. Instead of picking up the sweepings, he pushed them into floor-mounted suction to remove sweepings from the floor.

- What are the potential outcomes?
- Is this a SIF_p event?