

SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIF_p) MOBILE EQUIPMENT



SIGNIFICANT INCIDENT FAILURE POTENTIAL (SIF_p) 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.

MOBILE EQUIPMENT IS CONSIDERED A SIF_p CATEGORY FOR HIGH RISK ACTIVITY. MOBILE EQUIPMENT NEAR-MISS EVENTS MAY INCLUDE:

- COLLISION WITH INFRASTRUCTURE OR OTHER MOBILE EQUIPMENT
- SPEEDING, TIP-OVER, ROLLOVER, MECHANICAL FAILURES
- OPERATING IN A PROHIBITED AREA
- CARRYING LOGS/PRODUCT/MATERIALS BEYOND SAFE CAPACITY (OVERWEIGHT), INCORRECTLY AND/OR UNRESTRAINED
- CARRYING MATERIAL NOT INTENDED FOR EQUIPMENT



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 new and young employee had just been trained to operate a forklift. His supervisor asked him to practice in the far end of the warehouse where there was little-to-no traffic. He was struggling with backing up in tight spaces and was starting to feel pain in his neck from craning to look behind him. He began using just the mirror to backup and accidentally hit one of the support columns. He was embarrassed and didn't report the damage to the support column.
 - What are the potential outcomes?
 - Is this a SIF_p event?

- 2) A forklift operator was late returning to his work area after lunch. He was rushing and travelling over the acceptable speed limit. As he came around the corner, a worker was walking through a designated crossing and the forklift operator slammed on the brakes to avoid hitting the worker.
 - What are the potential outcomes?
 - Is this a SIF_p event?

- 3) A loader operator drove to the office to meet the supervisor to discuss log sorts. After the meeting, he realized he was running behind schedule and wanted to get back to the yard. He took a short cut behind the scale office which is a designated pedestrian area but generally has little foot traffic.
 - What are the potential outcomes?
 - Is this a SIF_p event?

- 4) A worker was using the small maintenance forklift to empty a trailer of equipment scheduled to be installed over the weekend. One piece of equipment wasn't loaded on a pallet. When he backed up, it shifted on the forks. He quickly lowered the load and strapped the equipment so it wouldn't shift when he moved it.
 - What are the potential outcomes?
 - Is this a SIF_p event?

