



Ministry of
Energy, Mines and
Low Carbon Innovation

Weekly Summary of Dangerous Occurrences

Sharing safety with the mining industry



Mine Incident Reporting Line

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Dangerous Occurrences

07

Dangerous Occurrences Reported for the Week of July 12 to 18, 2021

#1 Surface Mobile Equipment: A utility truck and dozer were working in the same area; the utility truck notified the dozer of their presence. After pushing some material, the dozer began to reverse, after approximately 38 meters the dozer saw the utility truck in the path of travel and immediately stopped. The dozer's ripper scratched the truck. No injuries were reported.

#2 Surface Mobile Equipment: After receiving a load from a shovel, a haul truck began heading up the ramp while travelling the operator felt the right side of the haul truck drop. The right front wheel mounting flange failed, resulting in the right front tire falling off.

#3 Underground Mobile Equipment: While travelling up a ramp, the operator of a underground light vehicle discovered the vehicle was overheating. The operator pulled over to inspect the engine. Upon opening the hood, the operator observed flames. The operator discharged the fire suppression system immediately, including the handheld fire extinguisher. A supervisor and mechanic were notified, and the light vehicle was moved to the wash bay to be cooled down.

#4 Underground Electrical: A electrical supervisor found that the service hoist control lever was left on in the brake position. This resulted in causing the power to remain on, stressing the electric motor, which resulted in heat damage and blue smoke.

#5 Underground Ventilation: One of three generators shutdown due to overheating, causing a cascading shut down effect, as the remaining generators were unable to keep up and balance the electrical load. This resulted in the underground substation tripping, resulting in the main surface fan shutting down. However, all auxiliary fans, not fed by the substation, continued to run. It was determined that the generator overheated because the radiator had filled with dust from vehicles.

#6 Underground Maintenance: During a planned shutdown, a worker was cleaning a locked-out gyrator crusher. While walking around the perimeter the worker fell into the gyrator crusher pocket. The worker was wearing fall protection and did not hit the ground; however, the worker did swing into the wall of the crusher. The worker was lowered and taken for first aid assessment. No injuries were reported.

#7 Underground Geotechnical: A wall consisting of saturated gravels (glacier til) failed behind the underground portal. The mine has experienced un-seasonable spring run-off due to do a large melting snowpack.

Comments:

Communication is key to preventing accidents where line-of-sight is an issue. Machine operators must be well aware of who is working in the same area. Radio communications and a safe work procedure save lives.