



# Potential Fatal Event: Service Truck Rollover



PFE # 2023-2  
Enablon Event ID # 20004103

## Preliminary Incident Details

<b>Operation</b>	Chino
<b>Date / Time</b>	January 30, 2023 / 9:15 a.m.
<b>Type</b>	Injury / Illness
<b>Summary</b>	A service truck trainee operator and trainer passenger were driving on a haul road when the truck hit an icy patch, causing it to slide and roll over. The operator and passenger climbed out of the truck through the broken windshield and moved away from the vehicle, then called a mayday on a handheld radio. They were transported to the hospital for further medical evaluation and later released.
<b>Fatal Risk</b>	Vehicle Collision or Rollover
<b>Risk Category</b>	Actionable
<b>Pre / Post Rating</b>	Significant (3) Likely (3)
<b>Findings/ Missing Controls</b>	<ul style="list-style-type: none"> <li>• Failure to wear seatbelts properly</li> <li>• Watering areas in freezing conditions</li> <li>• Operator had incomplete training for task (7-point brake test training)</li> </ul>
<b>Applicable Policies / Procedures</b>	<ul style="list-style-type: none"> <li>• FCX-HS01 Policy Administration</li> <li>• FCX-HS29 Standard Safety Requirements Policy</li> </ul>
<b>Employee Condition</b>	Both employees sustained minor injuries (soreness / bruising)
<b>Contact</b>	Arliss Jones, H&S Sr. Supervisor

## Photos / Links



*Service truck's final position*



*Overturned truck*



# Potential Fatal Event Learnings: Service Truck Rollover

## Causal Factors

- Road was watered in freezing conditions
- Failure to use engine break or lower gear when driving down the ramp

Action Items	Hierarchy of Controls
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To help ensure compliance with environmental and health standards, brine-specific water is required to be used for road spraying during cold weather.	CA-1 Engineering
Standard Operating Procedure will be created for Water Truck Operation in Cold Weather. The SOP will be reviewed with water truck operators and signed off by supervisors.	CA-2 Administrative
Service truck technical training will be turned over to the Chino Training Department. Mine Maintenance will still provide the driver training portion of the service truck operation, which covers topics such as ramp grades and speed limits.	CA-3 Administrative

## Failed Safeguards / Additional Learnings

- Evaluate installing seatbelt warning alarm on service trucks.
- Reinforce the importance of conducting pre-job inspections on vehicles.
- Supervisors will verify pre-job inspections are consistently and accurately completed.

## Fatal Risk Management Insufficient Controls

- Operator Competency – INSUFFICIENT**
  - Am I wearing my seatbelt correctly?
- Vehicle Preoperational Inspection – INSUFFICIENT**
  - Have I conducted a pre-operational inspection prior to use (specific for the vehicle)?
- Road Design and Maintenance – INSUFFICIENT**
  - Are the roads I intend to use safe for travel in current and expected weather conditions?