

# MNMM Fatal 2005-08

- Powered Haulage
- April 4, 2005 (Wyoming)
- Trona Operation
- Mechanic
- 47 years old
- 28 years experience

# Overview

- A forklift was being used to position and install a motor on a continuous mining machine. The forklift drifted when the engine was shut off, pinning the victim against the continuous mining machine.



# Why Did Accident Occur?

- The accident occurred because the forklift's service brake system was not maintained in a functional condition. Policies, standards, and controls were inadequate because examinations of the forklift failed to identify all safety defects. The service brakes would not hold the forklift when the engine was turned off.

# Causal Factor

- Management standards, policies, and controls were inadequate because pre-operation inspections to identify safety defects failed to identify that the forklift's service brake did not hold the machine with the engine turned off.

# Best Practices

- Ensure adequate pre-operational examinations are conducted on all self-propelled mobile equipment and defects affecting safety are promptly corrected.
- Before beginning a task, miners should discuss the work procedures, identify all possible hazards, and ensure steps are taken to safely perform the task.

# Best Practices

- Ensure that all braking systems installed on mobile equipment are functioning properly with the engine operating and also when it is shut off.
- Always obtain Operator's Manuals and Service Manuals for all mobile equipment and ensure their use by mechanics and operators.