

MNMM Fatal 2008-22

- Powered Haulage Accident
- November 17, 2008 (Iowa)
- Crushed Stone Operation
- Mechanic
- 67 years old
- 36 years of experience

Overview

The victim was fatally injured when he was struck by a front-end loader. He was repairing a bent gate post along a haul road leading to the underground mine portal. The front-end loader approached to assist in the repair work and went out of control, striking him.

Victim Working Here



Root Cause

Management policies and procedures were inadequate and failed to ensure that all braking systems on the front-end loader were maintained in a functional condition. Thorough inspections by the equipment operators were not conducted before the front-end loader was placed in operation.

Best Practices

- Provide an operators manual in the cab and ensure all mobile equipment operators are familiar with its contents.
- Provide training to ensure that persons conduct adequate pre-operational checks on all self-propelled mobile equipment and correct any defects promptly. The check should include verifying audible and visual warning features are functional.
- Ensure that service brakes are adequate to stop and hold mobile equipment prior to operating.
- Exercise caution when approaching grades and operate mobile equipment in the appropriate gear at speeds consistent with the grade being traveled.
- Communicate planned equipment movement with persons in the area.
- Stay alert to approaching mobile equipment.