

# MNMF Fatal 2006-21

- Falling Material
- October 4, 2006 (Minnesota)
- Sand & Gravel Operation
- Dragline Operator
- 59 years old
- 18 years experience

# Overview

The victim was fatally injured when the operator's cab of a dragline that he and two other miners were removing, fell and pinned him. The operator's cab was being removed to access the transmission for repairs.



# Root Cause

Management policies and controls were inadequate. A risk assessment to determine all possible hazards and to establish safe work procedures was not conducted prior to repairing the transmission on the dragline. The operator's cab was not blocked to prevent hazardous motion prior to removing the bolts.

# Best Practices

- Stop, Look, Analyze, and Manage (SLAM) each task to identify all potential hazards before performing maintenance work. Practice safe work habits during the entire task.
- Consult and follow the manufacturer's recommended safe work procedures for the maintenance task.
- Train miners in safe work procedures before beginning repairs.
- Securely block equipment against all hazardous motion at all times while performing maintenance work.