

# MNMF Fatal 2010-24

- Falling Material Accident
- December 29, 2010 (Texas)
- Dimension Stone Operation
- Laborer/Mechanic
- 41 years old
- 4 years of experience

# Overview

The victim died while performing maintenance on a skid-steer loader. He was attempting to replace a hydraulic lift arm cylinder on the loader when the lift arms accidentally lowered and pinned him against the frame of the loader.

The accident occurred because management failed to ensure safe work procedures were followed while maintenance was being performed on the skid-steer loader. The lift arms were not secured to prevent them from accidentally lowering. The victim had not received new task training for operating or maintaining a skid-steer loader.





# Root Causes

*Root Cause:* Management had not established safe work procedures for persons to perform maintenance on a skid-steer loader.

*Corrective Action:* Management trained all persons regarding safe work procedures when performing maintenance, including proper blocking of equipment components to prevent them from accidentally lowering.

*Root Cause:* Management had not provided new task training for operating or maintaining a skid-steer loader to the victim.

*Corrective Action:* Management provided new task training to all persons regarding their respective work assignments.

# Best Practices

- Establish safe work procedures and identify and remove hazards before beginning repair or maintenance tasks. Follow the equipment manufacturer's procedures for the work being performed to ensure that all hazards have been addressed.
- Train persons to recognize the hazards associated with performing repair or maintenance tasks.
- Prior to performing repair or maintenance tasks, turn the power off and block any raised component against accidentally lowering.
- Assign a sufficient number of persons to repair or maintenance tasks to ensure the tasks can be safely performed.
- Do not place yourself in a position that will expose you to hazards while performing repair or maintenance tasks.
- Monitor personnel routinely to determine that safe work procedures are followed.