

MNMF Fatal 2006-15

- Electrical
- June 21, 2006 (Washington)
- Sand & Gravel Operation
- Electrician
- 75 years old
- 50 years experience

Overview

The victim was fatally injured when he contacted an energized 480 volt circuit in the main breaker panel located in the motor control center. He was preparing to install electrical components for a new wash plant when the accident occurred.



Root Cause

Management policies and controls were inadequate and failed to require that the electrical circuit was de-energized, locked out, tagged, and tested before work was performed on the circuit. Management and the contractor failed to discuss the possible hazards and all actions necessary to safely complete the maintenance task.

Best Practices

- **Before YOU perform electrical work:**
 - Positively determine which circuit is to be worked on and identify the disconnecting device.
 - De-energize power from the circuit and place YOUR lock on the switch.
 - Utilize proper Personal Protective Equipment, including rated electrical gloves.
 - Test the circuit for voltage using properly rated test equipment.
 - Ground all phase conductors to the equipment grounding conductor with a jumper.