

MNMM Fatal 2008-13

- Electrical Accident
- August 15, 2008 (Arizona)
- Copper Operation
- Electrician Apprentice
- 41 years old
- 14 years experience

Overview

The victim was fatally injured when he contacted a 480-volt electrical conductor. He was replacing the ballast in a floodlight.



Energized conductor contacted by victim

In-line fuse
(the other fuse is inside box and out of view)

Ballast

Root Cause

Management policies and controls were inadequate and failed to ensure that the electrical circuit was deenergized, locked-out, tagged, and tested before work was performed on the circuit.

Best Practices

- De-energize power from the circuit and lock out/tag the switch.
- Verify that the circuit is de-energized by testing the circuit for voltage using properly rated test equipment.
- Closely supervise and monitor persons with limited electrical experience.
- Establish and follow safe work procedures when working with less experienced miners.