



Fatality #9 - September 13, 2011
Electrical - Washington – Construction Sand and Gravel
DeAtley Crushing Co - Plant #1

METAL/NONMETAL MINE FATALITY -On September 13, 2011, a 38 year-old miner with 3 years of experience was killed at a portable sand and gravel operation. The victim opened the 480 volt feeder box at the motor control center and started to remove the leads when he received a fatal shock.



Best Practices

- Be trained on all the electrical tests and safety equipment necessary to safely test and ground the circuit being worked on.
- Conduct a risk assessment.
- Use properly rated Personal Protective Equipment (PPE) including Arc Flash Protection such as a hood, gloves, shirt, and pants.
- Positively identify the circuit on which work is to be conducted.
- De-energize power and ensure that the circuit is visibly open.
- Place YOUR lock and tag on the disconnecting device.
- Verify the circuit is de-energized by testing for voltage using properly rated test equipment.
- Ensure ALL electrical components in the enclosure are de-energized.
- Ground ALL phase conductors to the equipment grounding medium with grounding equipment that is properly rated.

This is the 9th fatality reported in calendar year 2011 in the metal and nonmetal mining industries. As of this date in 2010, there were 14 fatalities reported in these industries. This is the 1st Electrical fatality in 2011. There were no Electrical fatalities in the same period in 2010.

The information provided in this notice is based on preliminary data ONLY and does not represent final determinations regarding the nature of the incident or conclusions regarding the cause of the fatality.
