



2010 FATALITIES AT SMALL AGGREGATE OPERATIONS 23% OF TOTAL 2010 MNM FATALITIES (as of 12/21/2010)



Two miners were pulling a small boat from a dredge pond onto a boat trailer attached to a pickup truck. One miner drowned when he attempted to retrieve the boat after it slipped back into the water.

- Securely attach the trailer winch rope to the boat before removing the boat from the water.



One miner was killed and two were seriously injured when they came into contact with a bottom feed circuit breaker as they were installing ground fault indicator lights in a circuit breaker enclosure.

- De-energize ALL electrical components in an enclosure.
- Ground ALL phase conductors to the equipment grounding medium with properly rated grounding equipment.
- Install warning labels on the terminal covers of bottom feed circuit breakers stating the "Bottom terminal lugs remain energized when the circuit breaker is open."



A miner was using an air-powered hammer/chisel to clean hardened material on a belt conveyor tail pulley. He was positioned on top of the return side of the belt conveyor, facing the tail pulley, when the belt conveyor was energized, entangling him in the tail pulley leading to his death.

- De-energize and block belt conveyors against motion before working near a drive, head, tail, and take-up pulley.
- Lock-out/tag-out all energy sources to belt conveyors before working on them.



A miner was working underneath a front-end loader with the engine running, checking a hydraulic fluid leak, when the machine moved and rolled over him. The machine was parked on a slight grade, the bucket was raised off the ground, and no wheel chocks were in place.

- Perform repairs on mobile equipment only after the machine is turned off and blocked against motion.

Always Take Time for Safety
Remember: A Safe Workplace is No Accident!