

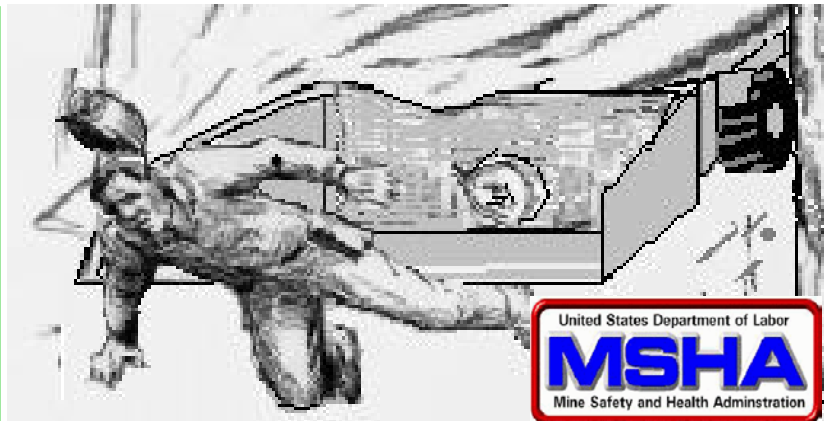
TWO MINERS WERE KILLED IN FIVE DAYS



PROXIMITY DETECTION SYSTEMS CAN PREVENT DEATHS!

On July 27, 2012, a midnight shift move crew member received crushing injuries when he was caught between the continuous mining machine (CM) conveyor boom and the right rib on the working section. The CM was being operated by the miner's supervisor and was being set up for production on the day shift when the accident occurred.

On July 31, 2012, a miner was crushed when he was struck by a battery-powered scoop. The miner was near a scoop at the battery charging station, when a second scoop struck the scoop beside the miner, causing it to slide into the miner.



Best Practices

- Install Proximity Detection Systems on CMs and other face equipment. Find approved systems at www.msha.gov.
- Avoid Red Zone areas. See diagram at msha.gov.
- Use remote control units that have safeguards against accidental tram.
- Before tramming, ensure emergency stop and operational controls are functional.
- Ensure equipment is properly maintained and being operated safely, especially in low mining heights, and slippery and uneven floor conditions.
- See other MSHA Best Practices at:

<http://www.msha.gov/focuson/watchout/Hitby%20SHUTTLECARS.pdf>