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(Safety Alert – No. 1 – 2022)

Kentucky DMS – Safety Alert No.1

In the mining industry, there have been several electrical accidents involving the handling of low, medium, and high voltage electrical cables. The purpose of this alert is to promote safe work practices in the proper maintenance and handling of these cables.

The Incident Scene



Best Practices

- (1) When handling energized cables, use appropriate hand, eye and foot protection.
- (2) De-energize, lock and tag out all electrical trailing cables prior to handling them.
- (3) Maintain all electrical cables in their original condition and repair any necessary defects in accordance with the manufacturer's instructions.
- (4) Conduct cable examinations as often as necessary to ensure safe operations.
- (5) Protect electrical cables from damage by the use of guarding or location to prevent mechanical damage.
- (6) Train mine personnel in the hazards of working with and around energized power cables.
- (7) All electrical repairs shall be conducted under the direct supervision of a Kentucky-certified electrician.