

Hoisting/Man Trips



Best Practice Series BP-59



Several accidents have occurred causing serious injuries to miners riding in slope cars and gunboats, or while performing repairs.

The accidents resulted from the following causes:

- Failure of the drive connection.
- Failure to stay within the confines of the hoist conveyance.
- Riding the bale or spreader.
- Failure to maintain effective communication while performing maintenance.

To prevent yourself from becoming the next statistic:

- Conduct thorough inspections of hoisting equipment, rope and termination.
- Before hoisting miners, operate the hoist one full cycle while checking the operation of all safety devices.
- Confirm proper operation of the communication system(s) in use.
- During routine man trips, remain within the confines of the hoist conveyance.

- While conducting required examinations from the hoist conveyance, be cautious of the moving draw bar in areas of changing pitch. Have the hoist operated at inspection speed, be alert for areas of tight clearance, and never ride the spreader/draw bar.
- Maintain communication when the conveyance is stopped for examination purposes.
- Slope magnetic cars should be inspected and tested (brake set) before they are used.

Petition for Modifications granted for 30 CFR 75.1400(c) (Safety Catches) prohibit anyone from working in the slope while the hoist is operating.

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Mine Safety and Health Administration
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February 2006