

MNMM Fatal 2005-24

- Powered Haulage
- September 13, 2005 (Pennsylvania)
- Crushed Stone Operation
- Truck Driver
- 64 years old
- 25 years mining experience

Overview

- The victim was fatally injured when the 50-ton haul truck he was operating overturned. He was preparing to dump a load of rock over the edge of the 21-foot high truck dump site when a portion of the dump site failed. The collapse caused the truck to overturn and land on its roof.



Causal Factors

- Policies, standards, and controls were inadequate and failed to ensure that berms or similar impeding devices were maintained at the dump site.
- Procedures were not in place to ensure that the dump site was inspected for hazards before a haul truck dumped the first load. Material had been loaded from the stockpile directly below the dump locations which steepened the slope angle and reduced the stability.
- Procedures were not in place to ensure that the provided seat belts were worn when persons operated mobile equipment.

Best Practices

- Stop, Look, Analyze, and Manage (SLAM) each task to identify all possible hazards. Initiate action so the task can be safely performed.
- Always inspect dumping locations prior to dumping the first load. Where material has been loaded out of the stockpile or where ground conditions may fail to support the weight of the mobile equipment, loads should be dumped a safe distance back from the edge.
- Maintain berms or similar impeding devices at dumping locations where there is a hazard of overtravel.
- Fasten your seat belt every time you operate a truck or self-propelled mobile equipment.