

MNM Fatal 2014-07

- Machinery
- April 17, 2014 (Kansas)
- Sand & Gravel Mine
- Truck Driver
- 58 years old
- 3 years of experience

Overview

The victim was killed at this operation on April 17, 2014. He was standing outside the cab of a dump truck that he had just parked at the pit. He was waiting for an excavator to load the truck with material. The victim was struck by the excavator bucket and crushed between the excavator bucket and the truck.

The accident occurred due to management's failure to establish safe work procedures for truck drivers waiting to be loaded in the pit. The victim left the protection of his truck's cab and was crushed when the loading process began.



Root Causes

- Root Cause: Management failed to implement a policy to ensure that truck drivers remained in their trucks while being loaded, and failed to task train truck drivers on safe load out operation procedures.
- Corrective Action: Management established procedures for truck drivers to follow, including remaining in their trucks, during load out operations. All truck drivers were trained regarding these procedures.
- Root Cause: Management failed to establish procedures to ensure that excavator operators would not begin any loading activity if a truck driver left the protection of the cab of the truck, and failed to task train task excavator operators on safe load out operation procedures.
- Corrective Action: Management established procedures to ensure that excavator operators would not load any trucks if the truck driver left the protection of the cab of the truck. All excavator operators were trained regarding these procedures.

Best Practices

- Establish and discuss safe work procedures before beginning work. Identify and control all hazards associated with the work to be performed and use methods to properly protect persons.
- Task train all persons to recognize all potential hazardous conditions and to understand safe job procedures for elimination of the hazards before beginning work.
- Ensure that haul truck operators remain in their trucks when being loaded.
- Communicate with mobile equipment operators and ensure they acknowledge your presence. Stay in the line of sight with mobile equipment operators.
- Ensure that you make eye contact with mobile equipment operators before approaching their work areas. Never assume the equipment operator sees you.
- Never place yourself in a location where equipment operators can't see you.
- Before operating equipment, always ensure other miners are clear and safely positioned.
- Monitor persons routinely to determine safe work procedures are followed.