

MNM Fatal 2014-12

- Powered Haulage
- May 9, 2014 (Texas)
- Sand & Gravel Mill
- Rail Load Out and Ground Worker
- 20 years old
- 9 weeks of experience

Overview

The victim was killed when he fell onto a moving belt conveyor. He was operating a mobile articulating conveyor unloading sand from a rail car into a haul truck when he contacted the moving belt conveyor.

The accident occurred due to management's failure to provide emergency stop devices and/or railings on the conveyor that would have deactivated the conveyor and/or prevented the victim from falling onto the moving conveyor.



Root Cause

Root Cause: Management failed to provide emergency stop devices or railings on the conveyor that would have deactivated the conveyor and/or prevented the victim from falling onto the moving conveyor. Management also failed to provide safe work procedures to persons working near conveyors.

Corrective Action: Management installed handrails on the conveyor to prevent persons from contacting the moving conveyor. Safe work procedures for working near conveyors were also established and all persons were trained regarding these new procedures. Additionally, emergency stops, with panic bars, have been positioned at the throat of the conveyors.

Best Practices

- Ensure that persons are trained, including task training, to understand the hazards associated with the work being performed.
- 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.
- Conduct work place examinations before beginning any work.
- Position mobile conveyors to eliminate exposure of moving parts before operating.
- Identify hazards around conveyor systems, design guards, and or emergency stop systems before putting into operation.
- Always provide and maintain guarding sufficient to prevent contact with moving machine parts.
- Do not wear loose fitting clothing when working near moving machine parts.
- Do not place yourself in a position that will expose you to hazards while performing a task.
- Provide and maintain a safe means of access to all working places.