

MNMM Fatal 2007-16 & 17

- Machinery Accident
- July 19, 2007 (Alaska)
- Gold Operation
- Contactor Iron Worker
 - 28 years old – 3 years experience
- Contractor Iron Worker
 - 19 years old – 44 weeks experience

Overview

The victims were fatally injured when a manlift they were operating toppled over. They were descending from an elevated location with the boom extended when the unit became unstable and toppled on its side.



Causal Factors

- Management policies and procedures were inadequate. The task training provided to the persons assigned to operate the JLG 120HX manlift did not identify the specific safe operating procedures and limitations of the load management system that were critical to safely operate this machinery. Management failed to ensure the training addressed all safe operating procedures.
- Management policies, procedures, and controls were inadequate. The manlift was used beyond the design capacity intended by the manufacturer creating a hazard to persons. The rear center jack on the manlift was being used as a stabilizer or outrigger and the manlift was not positioned on a solid and level surface during use. Management failed to conduct an assessment of the risk when they allowed the equipment to be positioned on a surface that was not solid and level.

Best Practices

- Ensure that persons are properly task trained regarding safe operating procedures before allowing them to operate mobile equipment.
- Ensure that all operating systems and safety features on mobile equipment are maintained and functional at all times.

Best Practices

- Use the manufacturer's operator's manual and ensure that required tests are performed on equipment.
- Park equipment on level and stable ground and operate it within the design specifications of the manufacturer.