

The Crane, Hoist and Monorail Alliance



OVERHEAD CRANE SAFETY TIPS CARD

Before Each Shift

Fatalities or serious injuries can occur if overhead cranes are not inspected and properly used. Fatalities may occur when workers are struck by a load, or pinched between the load and another object.

The following are some safety tips for overhead crane operators to follow before each shift or before the crane is used each shift.

- Visually inspect wire rope for broken wires, broken strands, kinks, and any type of deformation or damage of the rope structure.
- Visually inspect hook for nicks, gouges, deformation of the throat opening, wear on saddle or load bearing point, and twisting.
- Visually inspect hook latches, if supplied, for proper operation or damage that does not allow proper operation.
- Test operation of the primary limit switch of the hoisting motion.
- Report missing or illegible warning labels.
- Verify that the trolley braking system and/or crane braking system is functioning properly before continuing with travel.
- **Do not** operate crane if any damage or malfunction exists.
- **Do not** operate crane if it is tagged with an out-of-order sign.
- Report any damage or malfunctions to the supervisor.

DISCLAIMER

Though the OSHA and Crane, Hoist and Monorail Alliance, the Alliance participants developed this safety tips card for informational purposes only. It does not necessarily reflect the official views of OSHA or the U.S. Department of Labor. June 2010



For more information, visit the following websites: www.mhia.org/cmaa, www.mhia.org/hmi, or www.mhia.org/mma.