

Overhead Crane Safety

- Hoist operators must inspect their equipment daily before using it.

- Is any element – steel rope, limit switches, or other component – excessively worn?

- Check for cracks, gouges, wear, in the hoist chain, and check that it is in the upper and lower sprockets and in the chain guide.

- Replace slings if worn or frayed.

- If a hook latch is required, check that it operates properly.

- Check brakes to ensure motions do not have excessive drift and that stopping distance is normal.

- Warn anyone in the direction of travel to move and stand clear of a lifted load at all times.

- Never suspend a load over anyone below.

- Never allow anyone to ride a hook or load

- Check for any sign of leaked oil on the crane and the floor beneath it.

- Are warning labels and other safety labels in place and legible?

- Make all movements deliberately and smoothly; avoid rapid movement.

- Do not exceed the rated load capacity of the crane, hoist, cable, or sling.

- Remove slack from the cable, rope, or sling before lifting a load.

- Place the hoist directly above the load to be lifted, and lower loads directly below the hoist.

- Do not leave the hoist controls unattended while a load is suspended.

- Lock out and tag out a hoist that is unsafe or needs repair.