

GUIDELINE

Use of any type of crane, hoist, or rigging device at The University of Utah for lifting and moving materials must follow these guidelines. These guidelines apply to all operations at the U of U that involve the use of cranes, hoists, chain falls and slings, and to all employees who use such devices.

Training: Anyone who uses a crane, hoist or rigging device must be trained on the safe use and maintenance of the equipment

Annual Inspections: All cranes and hoists must be inspected annually, in detail to look for defects, general wear and compliance issues. This type of inspection must be conducted by a third party vendor experienced in the installation, maintenance and repair of cranes and hoists

Monthly Inspections: All cranes and hoists must be inspected monthly to ensure that the chain and hook assembly are in good working condition. These inspections must be documented. Trained operators can conduct monthly inspections

Pre-use inspection: All cranes and hoists must be inspected before each use. Trained operators can conduct these inspections. They do not need to be documented

General Safety Rules: Operators shall comply with the following rules while operating the cranes and hoists:

- Do not engage in any practice that will divert your attention while operating the crane
- Respond to signals only from the person who is directing the lift, or any appointed signal person. Obey a stop signal at all times, no matter who gives it
- Do not lower a load below a point where less than two full wraps of wire rope remain on the hoisting drum
- Do not move a load over people. People shall not be placed in jeopardy by being under a suspended load
- Do not work under a suspended load unless the load is supported by blocks, jacks, or a solid footing that will safely support the entire weight
- Hard hats and safety eyewear are required when operating a crane/hoist with the load at five feet or greater
- Ensure that the rated load capacity of a crane's bridge, individual hoist, or any sling or fitting is not exceeded. Know the weight of the object being lifted
- A chain fall or hoist and puller shall be secured to an anchorage and the load attached to the chain fall or hoist and puller in a manner that will prevent inadvertent disengagement
- A hoist and puller lever handle shall not be operated with an extension handle except as furnished by the manufacturer
- Avoid side pulls. These can cause the hoist rope to slip out of the drum groove, damaging the rope or destabilizing the crane or hoist
- To prevent shock loading, avoid sudden stops or starts. When completing an upward or downward motion, ease the load slowly to a stop

