

»»» OVERHEAD CRANE & HOIST



Safety Snap!



UNIVERSITY OF
NOTRE DAME

RISK MANAGEMENT AND SAFETY

The Overhead Crane & Hoist Safety Program establishes the key requirements to ensure the safety of personnel and to prevent personal injury that could result during the use of Overhead Cranes and/or Hoists.

The most common causes of failures with the operations of Overhead Cranes & Hoists are related to overloading and improper rigging. Serious injuries including fatalities and property damage are potential consequences if load or lifting equipment falls to the ground.



»»» PRE-USE INSPECTION

Can be completed electronically by using a Qualtrics form or on paper. Includes review of the following:

- Control Devices
- Brakes
- Hook & Hook Latch
- Wire Rope/Chain
- Reeving
- Limit Switches
- Leaks
- Unusual Sounds
- Warning & Safety Labels
- Slings & Fasteners
- Housekeeping & Lighting

GENERAL REQUIREMENTS

- Cranes and hoists shall only be operated the following designated personnel:
 - Trained Operators
 - Trainees under the direct supervision of a designated person.
 - Authorized contractors completing maintenance and/or repairs.
- Pre-Use Inspection must be performed at the start of each work shift.
- Safe rigging and load requirements shall be strictly followed.
- Appropriate hand signals shall be used when appropriate to safely communicate load movement.



»»» PERSONAL PROTECTIVE EQUIPMENT

All persons working in proximity of a crane or hoist shall wear personal protective equipment in accordance with their completed PPE Hazard Assessment.

»»» TRAINING

- Only designated, trained persons are permitted to operate a crane or hoist.
- Trainees may only operate under the direct supervision of a designated, trained person.
- At a minimum training shall include:
 - Classroom/online training
 - General safety
 - Crane inspection
 - Attaching, raising, lowering, and moving loads
 - Hand signals
 - Hands-on training, crane controls, handling instructions per manufacturer
 - Safe operations