

U.S. Department of Labor
Mine Safety and Health Administration
Educational Field and Small Mine Services



Location _____ Date _____

Competent Person _____ Duration _____ Time _____

Crane Safety - Manual/Operating

- Know your load chart and weight to be lifted so you can avoid tipping.
- Use Operator's Manual as a guide for correct inspection procedures.
- Refer to operating policies/procedures for proper hand signals.
- Crane must be level when making lift.
- Never attempt to swing load before lofting. "Side Loading" the boom could a\cause collapse.

Crane Safety - Operation

- Survey work area for pad conditions, overhead power lines, pipelines, etc.
 - When operating a crane in close proximity of overhead power lines, NEVER permit people to be in location where they can contact the crane or load.
 - Rigging must be kept in good condition; rigging is only as strong as its weakest component.
 - Make sure crane operator and signalman communicate with proper crane hand signals.
 - Avoid overloading and sudden jerks.
 - Awkward loads should have Tag Lines to control loads when lifting.
 - Hook latch must be in good working condition.
 - Use the operator's manual as a guide for correct inspection procedures.
 - A competent person must inspect all rigging before each use.
 - Personal working tag lines should review area for slipping, tripping, and falling hazards.
- [56.16007](#)
- Never work under suspended loads. [56.16009](#)

Fatalgrams: [56.16007](#); [56.16009](#)

Attendees: