

# U.S. Department of Labor

Mine Safety and Health Administration

MSHA's Small Mine Office—Serving the small mines in America



## Week 46

Location: \_\_\_\_\_ Supervisor: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_ Duration: \_\_\_\_\_

1) **Crane Safety – Manual/Operating Information**

- ☐ Know your load chart and weight to be lifted so you can avoid tipping
- ☐ Use the 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 a lift
- ☐ Never attempt to swing load before lifting. "Side Loading" the boom could cause collapse

2) **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 locations where they can contact the crane or load
- ☐ Rigging must be kept in good condition; rigging is only as strong as it's weakest component
- ☐ Make sure the crane operator and signalman communicate with the 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
- ☐ Personnel working tag lines should review area for slipping, tripping, and falling hazards. If not possible to eliminate them—take precautions to avoid them.
- ☐ Never work under suspended loads

Attendees:

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Employees Comments: