



Maine Chapter

Company _____ Job Name _____ Date _____

Weekly Tool Box Talk: **CRANE SAFETY**

A pre-operational inspection is required to verify:

- proper condition and configuration
- that any modification and repairs are sound
- that the controls and safety devices are working properly
- that wire ropes are in good condition
- that clutches and brakes are in good condition
- the rotating systems are working properly
- the load blocks and reeving systems are adequate for the intended load

The operator of the crane must:

- fully understand the load chart
- assure the crane is properly set up
- must properly utilize outriggers when fitted
- consider his radius, quadrants operate to minimize shock and dynamic loading
- take into consideration weather conditions and hazardous surroundings
- insist on proper signaling.

The individuals attaching the load must know:

- the weight of the load and its center of gravity
- allow for sling angles, and D/d ratios
- select and inspect all slings and rigging hardware
- apply a hitch that will hold and control the load
- assist in maintaining proper load control

Crane operation and rigging is a specialty in the construction industry. For the rest of us, we need to give their operations wide berth. In other words, avoid the radius of the crane, don't stand under the overhead loads, and keep all personnel away from all crane operations.

Safety Recommendations: _____

Job Specific Topics: _____

M.S.D.S. Reviewed: _____

Attended By: _____
