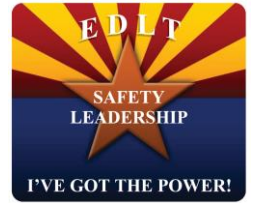


Morenci Tool Box Talks

Safety Leadership – I’ve got the power!



Mobile Cranes

Mobile cranes serve an important role in the construction industry. But their size and operations leave little room for error. When working near cranes you must remain aware at all times of overhead loads, pinch points, and inadequate rigging as these issues can seriously injure or kill you.

How we can be hurt by Cranes!

- ✘ Working with faulty equipment. Cranes are complex and they require an annual inspection or it CANNOT BE USED.
- ✘ Unstable ground and improper crane pads
- ✘ Working near energized overhead power lines. Always, always look up.
- ✘ Too much chatter. The signalman controls the load and ensures everyone’s safety. Keep quiet.
- ✘ No knowing the weight of your load
- ✘ Swing radius
- ✘ Side pulling
- ✘ Fall from equipment

What can I, you, and we do to prevent injury.

- ✓ Always inspect the crane before use. There is no room for error so the crane must be fully capable of performing.
- ✓ Make sure you have all required permits. Lift plans are an important safeguard designed to protect you and the equipment. You always need to have a plan so no one gets hurt. REMEMBER – a load should only be lifted and set once so you need to do it right the first time.
- ✓ Watch for overhead lines and third-party activities. Always use a spotter and keep the crane at least 10 feet away from energized lines up to 50 volts, 15 feet from up to 200 volts, 20 feet from up to 350 volts and 25 feet from up to 500 volts.
- ✓ Verify the crane and its personnel are fit for duty. Cranes are mechanical systems and something could go wrong so pay attention. Cranes require certified operators. Rigging can only be completed by certified riggers. Only use experienced spotters and signalmen. Extensive training and certifications are required for a reason. SAFETY.

Critical Behaviors

- ✓ Always know the weight of your load
- ✓ Always inspect properly
- ✓ Restrict access to the swing radius
- ✓ Ensure you have clear communication with signalmen
- ✓ Ensure you plan your lift and fill out critical lift documentation

Red Flags

- ✘ Soft ground
- ✘ Unknown weights
- ✘ Congested area
- ✘ Overhead lines

When in doubt, ask your Supervisor or Lead. Never just wing it!
Changing Morenci One Decision at a Time!