Toolbox KITS

CRANE SAFETY TRAINING

Crane safety training

For operators, riggers, signal persons and everyone who works near a crane

About 45 minutes, with a 10-question quiz

35 slides | About 45 minutes | 10-question quiz | English + Spanish

SAMPLE



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MODULE 1

Rule: ground conditions and setup

01

The equipment must not be assembled or used unless the ground is firm, drained and graded enough, with supporting materials if needed, to meet the manufacturer's specifications for support and level.

02

Ground conditions means the ability of the ground to support the equipment, including slope, compaction and firmness.

03

Supporting materials include blocking, mats and cribbing.

04

The controlling entity must make sure the needed ground preparations are provided.

05

It must also tell the operator about hazards it knows of beneath the setup area, such as voids, tanks or utilities.

06

The equipment must not be operated without the counterweight or ballast in place as the manufacturer specifies.

29 CFR 1926.1402(b) · 1926.1402(a)(1) · 1926.1402(a)(2) · 1926.1402(c)(1) · 1926.1402(c)(2) · 1926.1417(aa)(1)(i)

Toolbox KITS

Crew handout

Crane safety: crew handout

29 CFR 1926.1400, 1926.1402, 1926.1412, 1926.1413, 1926.1417, 1926.1424

Do

- Check the ground and the outrigger support before every lift
- Report damaged slings, frayed rope, leaks or soft ground right away
- Know the load weight before the lift
- Stay outside the swing radius barricade
- Tell the operator before you go anywhere they cannot see you
- Use tag lines to control loads
- Treat every power line as energized
- Follow one signal person, and give the stop signal if you see a problem

Don't

- Walk or stand under a suspended load
- Stand between the counterweight and anything solid
- Use a sling with a missing tag or visible damage
- Guess the load weight
- Give signals unless you are the assigned signal person, except stop
- Touch a crane or its load if it contacts a power line

SAMPLE

Remember

Stay out of the swing radius and the fall zone, follow one signal person, and call stop the moment something looks wrong.

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