Sample pages from the ToolboxKits training kit · Muestra del kit · toolboxkits.com/topics/overhead-cranes/

Toolbox KITS

OVERHEAD CRANE SAFETY TRAINING

Overhead crane safety training

Bridge cranes, gantry cranes and their hoists

Based on 29 CFR 1910.179

About 40 minutes, with a 10-question quiz

30 slides | About 40 minutes | 10-question quiz

English + Spanish

SAMPLE



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MODULE 1

The hazard: heavy loads over our heads

What can go wrong	→	What prevents it
A load drops or slips from the sling	→	Only designated operators run the crane
A load swings and strikes a person	→	The rated load is known and never exceeded
A hook, rope or brake fails	→	Inspections and tests before the lift
Someone rides the load or hook	→	Secure, balanced rigging
A load travels over people	→	Clear paths and a warning signal

SAMPLE

Toolbox KITS

Crew handout

Overhead cranes: designated, rated, rigged, clear

29 CFR 1910.179

Do

- Run the crane only if you are designated
- Know the rated load and the weight of the load
- Try the upper limit switch under no load at the start of your shift
- Check hooks, ropes, chains and air or hydraulic lines
- Attach with slings or other approved devices
- Lift a few inches, check balance and brakes
- Sound the warning signal when you start the bridge
- Stay at the controls while a load is suspended

Don't

- Do not carry loads over people
- Do not let anyone ride the load or hook
- Do not wrap the rope or chain around the load
- Do not load past the rated load, except for test purposes
- Do not use the upper limit switch as an operating control

SAMPLE

Remember **Designated, rated, rigged and clear.**

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