Toolbox KITS

HOT WORK SAFETY TRAINING

Hot work safety training

Welding, cutting, brazing, grinding and torch work

Based on 29 CFR 1910.252, 29 CFR 1926 Subpart J and related rules

About 45 minutes, with a 10-question quiz

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



SAMPLE

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MODULE 1

The hazard: sparks, slag and heat

Common hot work	→	What can catch fire
Arc welding and gas welding	→	Wood, cardboard, pallets and trash
Torch cutting and burning	→	Dust and lint on ledges, beams and in ducts
Brazing, soldering and torch heating	→	Insulation, roofing and some coatings
Grinding and other spark-producing work	→	Flammable liquids, vapors and gases
Thawing or bending metal with a torch	→	Residue left inside drums, tanks and pipes

SAMPLE

Toolbox KITS

Crew handout

Hot work: check it, clear it, watch it

29 CFR 1910.252, 1926.352, 1926.350, 1926.351, 1926.353

Do

- Get the area inspected and the work authorized before the first spark
- Move the work or move the combustibles; cover or shield what stays
- Check the floor below and the other side of walls, floors and ceilings
- Keep a charged extinguisher at hand, ready for instant use
- Post a fire watch when one is required, and keep it on after the work ends
- Inspect hoses and torches at the start of every shift
- Keep cylinders upright, secured and away from sparks and slag
- Close cylinder valves and shut off power when you stop

Don't

- Don't weld or cut on a drum or tank until it is filled with water, or cleaned, ventilated and tested
- Don't do hot work where flammable paint, vapors or heavy dust create a hazard
- Don't leave the gas on to a torch in an enclosed space during breaks, or leave the torch and hose inside overnight
- Don't use oxygen to blow off dust or cool off
- Don't dip a hot electrode holder in water
- Don't light a torch with matches or from hot work

SAMPLE

Remember **Sparks travel and fires can smolder: check before, watch during and stay after.**