Toolbox KITS

LABORATORY SAFETY TRAINING

Laboratory safety training

For everyone who works with hazardous chemicals in a lab

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: who the lab standard covers

1	The lab standard applies to employers engaged in the laboratory use of hazardous chemicals.	1910.1450(a)(1)
2	Laboratory use means work on a laboratory scale, with multiple chemicals or procedures, that is not part of or simulating a production process, where protective lab practices and equipment are in common use.	1910.1450(b)
3	Laboratory scale means the containers for reactions, transfers and handling are designed to be easily and safely handled by one person.	1910.1450(b)
4	A hazardous chemical is one classified as a health hazard or simple asphyxiant under the hazard communication standard.	1910.1450(b)
5	The standard does not apply to lab uses with no potential for exposure, such as dip-and-read test strips or commercially prepared test kits.	1910.1450(a)(3)(ii)
6	Exposures to OSHA regulated substances must not exceed the permissible exposure limits.	1910.1450(c)

29 CFR 1910.1450(a)(1) · 1910.1450(b) · 1910.1450(a)(3)(ii) · 1910.1450(c)

SAMPLE

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Crew handout

Laboratory safety: handout for lab staff

29 CFR 1910.1450, 1910.133, 1910.132, 1910.141, 1910.151, 1910.1200

Do

- Know where the chemical hygiene plan and SOPs are, and who the chemical hygiene officer is
- Read the label and the SDS before you use a chemical
- Label every container you fill
- Work with volatile or toxic chemicals in a working fume hood
- Wear the eye, face and hand protection your SOP calls for
- Keep the eyewash, shower and spill kit clear, and know how to use them
- Wash your hands before you leave the lab
- Report every spill, exposure and symptom

Don't

- Eat, drink or store food in the lab
- Remove or deface labels on incoming containers
- Use the fume hood as a storage shelf
- Pipette by mouth
- Use damaged gloves or other damaged PPE
- Leave an unlabeled container behind for someone else

SAMPLE

Remember **Know what you are working with, use the hood and the right PPE, and report every spill or exposure.**

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