

Energy: Hydrogen Sulfide Control Procedures

This course provides information that will help minimize serious health risks to persons who may be exposed to hydrogen sulfide on the job. Workers in wastewater treatment plants, oilfields, mines, and other confined spaces, or those who perform excavation in marshy areas, are among those who may be vulnerable to hydrogen sulfide exposure. Workers will gain the knowledge necessary to identify the presence and dangers of hydrogen sulfide and the steps to take to avoid personal illness or injury.



Objectives:

- Identify situations where you may encounter hydrogen sulfide.
- Identify the hazards of exposure to hydrogen sulfide, including its effects on the body.
- Recognize the tools and techniques for detecting hydrogen sulfide.
- Recognize how to evaluate the hazard of hydrogen sulfide through measuring concentrations and comparing with exposure limits.
- Identify engineering and administrative controls.
- Identify the Personal Protective Equipment (PPE) that will prevent illness and injury.
- Describe steps to take in emergencies related to hydrogen sulfide.

Audience: All workers who may contact hydrogen sulfide in the course of their work.



Primary Regulations: OSHA 29 CFR 1910.1200 - Hazard Communication. OSHA 29 CFR 1910.146 - Permit-Required Confined Spaces. OSHA 29 CFR 1910.134 - Respiratory Protection. OSHA 29 CFR 1910.38 - Employee Emergency Plans and Fire Prevention Plans. OSHA 29 CFR 1910.151 – Medical Services and First Aid.

Related Regulations: None

Duration: 60-90 minutes



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