



Confined Space Entry

Safety Training Series



Enterprise Business Center of Louisiana



Introduction

- Overview of confined space hazards
- Importance of proper training and procedures
- Objectives: Identifying, assessing, and safely entering confined spaces





What is a Confined Space?

- Definition: Limited entry/exit, not designed for continuous occupancy
- Examples: Tanks, tunnels, manholes, pipelines, storage bins
- Types: Permit-required and non-permit-required confined spaces





Confined Space Hazards

- Atmospheric hazards (oxygen deficiency, toxic gases, flammable vapors)
- Physical hazards (engulfment, entrapment, falling objects)
- Environmental hazards (extreme temperatures, flooding, limited visibility)





Permit-Required Confined Spaces

- Criteria for permit-required spaces
- Role of entry permits in ensuring safety
- Information required on the permit (hazards, protective measures, authorized personnel)





Entry Preparation and Procedures

- Conducting a risk assessment
- Implementing hazard control measures
- Proper ventilation and atmospheric testing (oxygen levels, toxic gases)
- Establishing communication and rescue procedures





Personal Protective Equipment (PPE) for Confined Spaces

- Respiratory protection (SCBA, air-purifying respirators)
- Protective clothing (fire-resistant suits, chemical-resistant gloves)
- Fall protection (harnesses, lifelines)
- Communication devices (radios, signaling systems)





Atmospheric Testing and Monitoring

- Importance of continuous monitoring
- Equipment used (gas detectors, oxygen meters, combustible gas indicators)
- Acceptable limits for safe entry (oxygen levels, toxic gas exposure limits)





Emergency Response and Rescue Procedures

- Role of trained rescue teams
- Non-entry and entry rescue techniques
- First aid and medical response considerations
- Importance of rescue drills and training





Best Practices for Confined Space Safety

- Always follow entry permit requirements
- Never enter alone—always use the buddy system
- Maintain clear communication with team members
- Continuously monitor conditions and reassess hazards





Summary and Questions

- Recap key takeaways from training
- Importance of following safety protocols
- Open floor for questions and discussion

