**Confined Spaces Safety Class: Course Outline and Objectives**

**Course Objective:** To provide participants with comprehensive knowledge and skills to recognize, evaluate, and safely work in confined spaces, with emphasis on permit-required confined spaces, in accordance with OSHA regulations and industry best practices.

**Target Audience:** Workers, supervisors, and safety personnel involved in confined space operations.

**Course Modules:**

1. **Introduction to Confined Spaces**
	* Defining confined spaces and permit-required confined spaces
	* Recognizing confined spaces in various work environments
	* Understanding OSHA regulations (29 CFR 1910.146 and 29 CFR 1926 Subpart AA)
2. **Hazard Identification and Assessment**
	* Atmospheric hazards (toxic, flammable, oxygen-deficient)
	* Physical hazards (engulfment, entrapment, mechanical)
	* Other potential hazards (noise, heat, chemical exposure)
3. **Confined Space Entry Procedures**
	* Developing and implementing a written confined space program
	* Entry permits: requirements and documentation
	* Roles and responsibilities (entrants, attendants, entry supervisors)
4. **Hazard Control and Personal Protective Equipment**
	* Ventilation techniques and equipment
	* Lockout/Tagout procedures
	* Selection and use of appropriate PPE
5. **Atmospheric Monitoring**
	* Understanding gas detection principles
	* Proper use and calibration of monitoring equipment
	* Interpreting monitoring results
6. **Emergency Response and Rescue**
	* Developing emergency and rescue plans
	* Self-rescue techniques
	* Coordinating with emergency services
7. **Practical Exercises and Simulations**
	* Confined space entry and exit procedures
	* Atmospheric testing and ventilation
	* Rescue scenarios (non-entry rescue focus)

**Key Takeaways:**

* Participants will be able to identify and classify confined spaces.
* They will understand the hazards associated with confined spaces and how to control them.
* Participants will learn proper entry procedures and the use of safety equipment.
* They will gain knowledge of emergency response protocols for confined space incidents.

**Delivery Methods:**

* Instructor-led training with hands-on components
* Practical exercises using actual confined space equipment

**Certification:**

* Successful completion leads to a Confined Space Safety certification (valid for a specified period, typically 1-3 years)

This course is designed to meet OSHA compliance requirements and provide comprehensive training for workers involved in confined space operations, emphasizing hazard recognition, safe work practices, and emergency preparedness.