**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.