



Confined Space & Rescue Detailed Course Outline

Chapter 1:

- Importance of Safety Training
- Hazard Assessment, Control and Elimination
- The Value of Life
- Communicating and Training
- Due diligence
- Documentation
- Competent person
- Attitude
- Culture

Chapter 2

- Defining a Confined Space
- Legislation
- Personal Protective Equipment
- Typical Hazards
- Oxygen Deficient/Enrichment
- Combustible/Flammable/Explosive
- Gases/Vapours/Fluids/Mists
- Toxic Gases
- Physical Hazards
- Other Possible Hazards

Chapter 3

- Controlling Hazards of Confined Spaces
- Lock-Out Tag-Out
- Disconnecting Pipes
- Ventilation
- Purging
- Inerting
- Fall Arrest Equipment
- Atmospheric Testing
- Shoring

Chapter 4

- Decision Tree
- Permits
- Confined Space Entry Permit Exercise
- Supervisor's Role
- Safety monitor's Role
- Entrant's Role
- Testing for Hazards
- Entry Procedures

Chapter 5

- Confined Space Rescue
- Emergency Rescue Equipment
- Emergency Rescue Procedures
- Emergency Rescue Training
- Generic Inspection, Donning and use of an SCBA for Practical Exercise

Practical Portion

- Every student will:
 - Participate in group(s) to create a basic confined space entry plan
 - Discuss the merits of the plan(s) and possible alternatives
- Everybody will have opportunity to:
 - Inspect an SCBA (harness, air supply, regulator & mask) to ensure it is safe for use
 - Don an SCBA pack and mask
 - Adjust SCBA pack and mask if required
 - Participate in a simulated entry &/or rescue in order to:
 - understand the health and safety precautions required to preserve their own life
 - reinforce that successful rescue is based on preventative, proactive measures
 - reinforce that third party rescuers **MUST** train and document training to potentially save someone

