



Fire Extinguisher, Safety & Watch Detailed Course Outline

Chapter 1:

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

Chapter 2:

- Combustible / Flammable / Explosive
- Gases / Vapours / Fluid / Mists
- Explosive Gases
- Oxygen Deficient / Enrichment
- Health Effects of Fire Byproducts
- What Can be Done to Prevent Fires
- Phases of a Fire

Chapter 3:

- Standards and Regulations
- Personal Protective Equipment
- History of Fire Extinguishers
- Chemical Names, Properties and Health Hazards
- Uses of Chemicals
- Types of Fire Suppression Systems

Chapter 4:

- Classes of Fire Extinguishers
- How a Fire Extinguisher works
- How to Inspect a Fire Extinguisher
- How to Use a Fire Extinguisher
- Steps to take in a Fire Situation
- Emergency Response Plan

Chapter 5:

- What is Fire Watch?
- Why do Fire Watch?
- Fire Watch Duties and Responsibilities
- Fire Watch Training

- Forms
- Additional Resources

Practical Portion

Every participant will:

- Inspect fire extinguisher(s) for requirements
- Use zero emission fire extinguisher simulator to put out fire(s).

The use of zero emission simulators meets the requirements for some municipalities which forbid open flame sources for training.

Additionally, and most importantly, zero emission simulators precisely indicate throttling of the handle and measure accuracy of nozzle “spray” coverage in a variety of intensities and dozens of scenarios for different sizes of canisters.

