



# **EMERGENCY RESPONSE TO HAZARDOUS MATERIALS INCIDENTS (EPA 165.15 – TECHNICIAN LEVEL)**

## ***Course Description:***

This course provides emergency response personnel, primarily firefighters, police officers, and EMS personnel with the information and skills needed to recognize, evaluate, and control and incident involving the release or potential release of hazardous materials. This course was developed by the US Environmental Protection Agency

***Prerequisites:*** Hazardous Materials Operations

***Textbook:*** Emergency Response to Hazardous Materials Incidents

***Course Length:*** 40 hours

- Lesson 1 – Orientation and Introduction
- Lesson 2 – Safety Plans and Scene-Specific Procedures
- Lesson 3 – Incident Command System
- Lesson 4 – Characteristics of Hazardous Materials
- Lesson 5 – Principles of Toxicology
- Lesson 6 – Information Resources Lecture
- Lesson 7 – Identification of Hazardous Materials
- Lesson 8 – Size-Up Strategy and Tactics
- Lesson 9 – Levels of Protection
- Lesson 10 – Chemical Protective Clothing
- Lesson 11 – Scene Control, Reconnaissance, and Entry
- Lesson 12 – Confinement and Control
- Lesson 13 – Regulatory Overview
- Lesson 14 – Air Monitoring Instruments
- Lesson 15 – Radiation Survey Instruments
- Lesson 16 – Response Organization/Warehouse & Transport
- Lesson 17 – Decontamination – Lecture
- Lesson 18 – Glossary & Acronyms