



# Hazmat 101

## consultants

Rapid Recon: Strategy & Tactics for Initial HazMat Size-Up

3-4 Hour – Operations / Technician 3-Hour – Operations

**Meets: SERC, OSHA 29 CFR 1910.120 (q)(6), NFPA 470**

### **Summary / Key Topics**

The Rapid Recon course is a high-impact training program designed to enhance a responder's ability to perform fast, accurate, and defensible initial size-up at hazardous materials incidents. Built on NFPA 470 principles, this course focuses on sharpening reconnaissance skills that directly influence early decision-making, operational tempo, and overall scene safety.

Through a combination of lecture, guided discussion, and scenario-based applications, participants will develop a structured approach to hazard recognition and initial assessment in both transportation and fixed facility incidents. Emphasis is placed on gathering critical information quickly, identifying hazard indicators, and translating those findings into actionable tactical decisions.

Key topics include rapid scene size-up techniques, hazard recognition and classification, integration of air monitoring data, use of reference materials such as the ERG, and implementation of immediate protective actions. Students will also explore decision-making frameworks that support risk-based operations, including responder safety considerations and operational priorities during the first critical minutes of an incident.

This course is tailored for responders who must make time-sensitive decisions with limited information. Students will leave with improved confidence, a repeatable recon process, and the ability to think fast, act smart, and operate safely in dynamic hazardous materials environments.

***Note: Class may be repeated to accommodate shift personnel***

