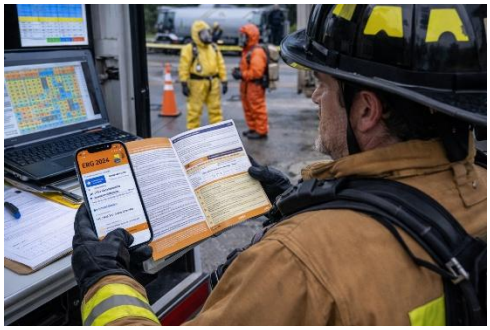
Hazmat 101 consultants™



Emergency Response Guidebook : Strategy & Application for Hazardous Materials Incidents

Hours/ Course Length - skill level 3-Hour – Operations (In-Person or Hybrid)

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

Summary / Key Topics

The Emergency Response Guidebook (ERG 2024): Strategy & Application course is designed to provide responders with a practical, operational understanding of the ERG and its role in hazardous materials incident response. This course reinforces the importance of rapid, accurate decision-making using one of the most widely utilized reference tools in the fire service.

Through a combination of classroom instruction and scenario-based application, participants will learn how to effectively navigate the ERG, interpret guide pages, and apply protective action distances in both transportation and fixed facility incidents. Emphasis is placed on integrating ERG use into the initial size-up process and aligning its guidance with real-world tactical decision-making.

Key topics include identification of hazardous materials using UN/NA numbers and placards, proper use of the yellow, blue, orange, and green sections of the ERG, and determining initial isolation and protective action distances. Students will also explore common pitfalls in ERG application and how to integrate ERG data with other information sources such as SDS and air monitoring results.

Additional instruction includes how to effectively use the ERG mobile application, allowing responders to quickly access critical information in the field. Students will learn how to navigate the app, perform rapid searches, and apply its features to support faster, more accurate decision-making during incidents.

This course is tailored for responders at the operations and technician level who rely on the ERG for early incident actions. Whether delivered in-person or in a hybrid format, students will leave with increased confidence in using both the ERG and its mobile application quickly, accurately, and defensibly during the critical first minutes of a hazardous materials response.