

# High Consequence Incidents: Planning, Response and Recovery



## Course Description

The High Consequence Incidents: Planning, Response and Recovery (HiC) training program has been developed with the whole community in mind. Emergency responders, emergency managers, facility and rail personnel, as well as community members will be provided with information on the hazards associated with the transport of crude oil by rail and the storage and use of fertilizer grade ammonium nitrate (FGAN) and technical grade ammonium nitrate (TGAN).

Response to hazardous materials incidents requires a systematic process. During this program, participants will learn to use Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process.

This systematic process combines the use of the facts, science, and circumstances to safely and effectively respond to incidents while reducing the possibility of exposure (illness), injury, and fatalities.

The program will use a blended-approach – self-paced online learning combined with instructor-led instruction. Prerequisite online learning will provide in-depth knowledge related to the hazards of crude oil and FGAN/TGAN. After completing the online training, participants are asked to identify locations in their community where the hazards associated with crude-by-rail and FGAN/TGAN may be present.



## Course Objectives

**The overall goal of the program is to train traditional emergency responders (law enforcement, career and volunteer fire fighters), as well as local and state planners, members of state and local emergency planning commissions, and other representatives of the whole community to:**

- Analyze the types of hazardous materials incidents for which their community is at risk.
  - Identify the hazardous materials within their community along transportation routes and at fixed facilities.
  - Identify community events where the threat of hostile incidents exists.
  - Identify the types of harm a release, either accidental or criminal, of those materials might cause.
- Pre-plan response for the types of incidents and harm identified as “possible” within their community.
  - Identify community organizations and response agencies that are available to assist in the mitigation.
  - Identify the local, state, and federal procedures will need to be performed during an incident (e.g., establishing a unified command).
- Implement the planned response.
  - Use APIE: A Risk-Based Response Process to ensure a safe, competent response to incidents involving hazardous materials and reduce exposure, injury and death.
- Evaluate the progress.

## Course Specifications

**Provider:** International Association of Fire Fighters

**Delivery Method:** Classroom

**Course Hours/Days:** 16 hours /2 days

**If you are interested in bringing this training to your department, at no cost, please visit [iaff.org/hazmat-training](http://iaff.org/hazmat-training)  
If you have any questions or need more information, please contact [hazmat@iaff.org](mailto:hazmat@iaff.org) or call 202-737-8484**