

“Taming the Tiger” - Tactics and Response for Anhydrous Ammonia



Get prepared to handle ammonia incidents from start to finish, beginning with an overview of anhydrous ammonia properties, transportation/containers, types of releases, trouble shooting incidents, and response recommendations;

Control and containment tactics from both offensive and defensive perspectives. Lessons learned will be discussed through brief illustrations of case histories involving both stationary facilities and transportation incidents as well as live release training footage.

Following a safety briefing and drill prep, the second half of the day will be on the drill field with live agent (anhydrous ammonia) release training, primarily performing tarp and cover operations for control and containment.

This is a free course, funded by the Hamilton County LEPC



Dates: May 21, 22, & 23, 2019 (this is a one-day course, repeated each of the three days)

Location: Cincinnati Fire Department Training Facility, 3302 Millcreek Road Cincinnati, OH 45223 (Google Maps Link: <https://goo.gl/maps/qtq7astLUSn>)

Registration: Email LEPC Coordinator Doug Witsken at doug.witsken@hamilton-co.org

The course is appropriate for first responders (firefighters, police officers, EMS), other emergency responders, and Hazardous Materials Technicians

Objectives:

Obtain knowledge to make risk-based response decisions and determine response tactics involving an ammonia leak or incident, based on ammonia's characteristics, type of releases being encountered, indoor/outdoor situations/hazards/concerns, types of container/packaging and an assessment of the event.

Obtain knowledge in order to implement basic control and containment options for anhydrous ammonia. Know how to perform basic control, containment and/or confinement operations within the capabilities of the resources and PPE available and perform advance control, containment, and/or confinement operations within the capabilities of the resources and personal protective equipment available with the unit.

Understand the potential release phases that can be encountered when dealing with an anhydrous ammonia release.

Understand real life cloud modeling and weather impacts on ammonia releases and release phases.

Obtain basic knowledge of selected ammonia processes and equipment involved; the configuration, recognition, identification, and trouble shooting incidents with containers and support resources available.

AGENDA

Custom Ammonia Class - Tech/Specialist – 2018
Anhydrous Ammonia ASERT

Introduction	8:10 - 9:15
Ammonia The Chemical -Properties -Routes of Exposure -Health Effects -First Aid	Break 9:15 – 9:30
Containers/Bulk and Non-Bulk Packaging -Markings/Placards/Labels -Troubleshooting -Ammonia Processes	9:30 - 10:00
Types of Ammonia Releases	10:00 – 10:30
Ammonia Response Tactics Control/Containment; ER Guide Cards -Tarp & Cover	10:30 - 11:15
Live Release Drill Pre Planning	11:15 – 12:00
Lunch	12:00 – 13:00
Pre planning/Staging Live Release Drill Trailer/Equipment Review	13:00 – 13:45
Live Release Drills	13:45 – 15:15
Hot Wash, Review, Test & Evaluations	15:15 – 16:00