

Tank Truck Emergency Response Workshop



No cost to attendees - this training is funded by the Hamilton County LEPC

Date: Monday, October 10, 2022 from 8:00am to 5:00pm

Location: Sharonville Fire Department Station 86, 11637 Chester Road, Sharonville, OH 45242

Registration: Doug.Witsken@HamiltonCountyOhio.gov

Course Description

“Gasoline Cargo Tank Emergency Response Workshop”

If you are looking for good street-smart advice to apply to your next gasoline cargo tank incident or accident, this class was made for you!

Come along with us as we discuss the MC-306 and DOT- 406, gasoline cargo tanks, their construction features, emergency devices and considerations that must be considered in the event of a roll-over, fire or other emergency involving these vessels.

If you have ever enjoyed an episode of “How Is It Made”, you are going to love this class. Join the Pros at Safe Transportation Training Specialists for an enlightening demonstration that includes the use of unique cargo tank models, grounding and bonding and flame impingement demonstrations that are designed to educate and entertain.

This multimedia presentation will begin by focusing on proper identification of the cargo tank, construction features, strengths, weakness, identification of safety devices on each cargo tank. This knowledge learned will be applied to incidents and accidents involving cargo tanks to ensure the student understands the proper techniques to safely mitigate the situation.

Following the classroom portion on each individual cargo tanks students will then have hands on demonstrations utilizing our cargo tank models, simulators including drilling and dome clamping exercises.

Course Objectives

Understand the significant differences between the MC-300 and DOT-400 series of Cargo Tanks.

Understand the critical nature of cargo tank identification and application of specification information to each incident.

Understand the function and purpose of safety devices associated with cargo tanks.

Understand specific response actions such as damage assessment, leak control, grounding and bonding and acceptable transfer techniques that may be applied to rollovers, fires and varying incidents involving gasoline cargo tanks.

Completion of training should allow students to meet the performance criteria listed in NFPA 472, Chapter 13 - Cargo Tanks for analyzing the incident, planning the response, and implementing the planned response regarding the specification cargo tanks represented.

Models, Props and Simulators Utilized

MC-306 / DOT-406 Cargo Tank Model
MC-306 Dome Leak Simulator
Aluminum Drilling Station

AEMC Grounding and Bonding Kit
Cargo Tank Transfer Models