



**WAGNER-MEINERT LLC**  
Engineers – Contractors

7617 Freedom Way  
Fort Wayne, Indiana 46818  
www.wagner-meinert.com

Phone: 260-489-7555  
Fax: 260-489-7473

# 8 – HOUR HAZARDOUS MATERIALS TECHNICIAN REFRESHER TRAINING

*“An 8 Hour Emergency Responder Refresher Course for Current 24 Hour Responders in the Ammonia Refrigeration Industry”  
(pre-requisite: Ammonia Emergency Responder Training - 24 Hr.)*

The 8 Hour Hazardous Materials Technician Refresher Course is designed to keep the Qualified 24 Hour Responder Current with the requirements of OSHA and the EPA. It is designed for Emergency Response Personnel who are currently qualified as Response Personnel responding to chemical spills and leaks. This course will keep your Response personnel up to date as required by the EPA and OSHA, as well as keeping the skills and information honed in the event of an emergency. This course is geared towards the Ammonia Refrigeration Industry although this information will prove valuable for any chemical leak or spill emergency.



The course contains information vital to the continued safety of Responders.

***Refrigeration, Mechanical & Food Process***  
MEMBER OF: IIR-ASHRAE-RETA-MCA-MSCA-NCPWB

## Respirator Information, OSHA Requirements for minimal Respirator Program

- Written SOP's governing selection.
- Selection based on Hazards of Exposure.
- Instruction and training in proper Respirator use.
- Respirator assignment.
- Evaluation of the effectiveness of Respirator program
- Health and Physical requirements for the use of Respirators
- Storage of Respirators.
- Inspection of Serviceability of Respirator.
- Surveillance of work area.
- Instruction on proper Respirator use.
- Approved Respirators per OSHA

## Types of Protection Needed for Types of Exposure

- Respirator Cartridge types.
- Hydrostatic Testing SCBA cylinders.
- SCBA Cylinder Explosion Cautions.
- SCBA Cylinder Requirements for Cascade Systems
- SCBA performance requirements.
- SCBA Cylinder Identification.
- Commonly used Air Specifications.

## Anhydrous Ammonia

- Detection
- Flammability
- Potential Hazards
- Toxicity
- Effects of Ammonia
- Emergency Action

## System Practices for Ammonia

- Piping Requirements
- Evaporator Piping
- Suction Traps
- Compound Compression Systems
- Condenser and Receiver Piping
- Water Header
- Liquid Ammonia Recirculation Systems
- Cascade Systems

Seminar reservations may be made by contacting:

Wagner-Meinert, LLC  
260-489-7555

*[www.wagner-meinert.com](http://www.wagner-meinert.com)*