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INTRODUCTION TO AMMONIA REFRIGERATION OPERATIONS

(Formerly known as LEAK RESPONSE)

“An 8-Hour Seminar Designed for Individuals who may discover and initially react to an ammonia leak”

This course is designed for personnel who may be exposed to the hazards of the ammonia refrigeration system and/or may be called upon during a small leak. The important difference between facilities is how they react.

This course is also beneficial to operators as a refresher and plant personnel as a “general awareness” class. This course is not designed to meet the requirements of emergency response.

PROPERTIES OF AMMONIA

This chapter examines the hazards associated with ammonia:

- Exposure Levels
- Key target areas
- First Aid
- Decontamination

PERSONAL PROTECTIVE EQUIPMENT

- Eye Protection
- Respiratory Protection
- Skin Protection
- Handling Refrigerant Valves Safely

REFRIGERATION CYCLE

- Basic Refrigeration Cycle
- Basic Heat Flow

AMMONIA SAFETY SYSTEMS

- Ammonia Detection Systems
- Emergency Control Boxes
- Emergency Ventilation

ISOLATING AMMONIA SAFELY

- Types of Leaks
- General Rules for Isolation

Seminar reservations may be made by contacting:

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