

- ASME Code Pressure Vessels & Skids
- Power Plant SCR System & Controls
- Food Storage and Distribution Facilities
- Industrial Refrigeration System
- Chemical Processing Facilities
- Chemical Storage Facilities
- Ammonia Based System & Equipment
- Water Treatment Facilities
- Safety Training Programs & Equipment
- Regulatory Assistance & Training
- Energy Management services
- Project Management Services
- Specialty Products and Services
- CAD Services

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Ammonia Specialties Group

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SAFETY TRAINING PROGRAMS:

Awareness Level Training:

Provides a general overview of ammonia topics.

- Ammonia Properties
- Material Safety Data Sheet Review
- Ammonia Applications
- Required Safety Equipment & Use
- Emergency Evacuation Methods
- Applicable Regulatory Issues

Operations Level Training:

Provides specific training for the proper storage, handling and transportation of ammonia. Training includes Awareness level plus review of the following:

- Storage Tank and Appurtenances
- Equipment Operation
- Transfer Operation
- Tank Trucks
- Leak Detection
- Leak Repair
- Testing Ammonia Purity

Technician Level Training:

Provides specific training for Emergency Responders. This level requires 24 hours of training time and you must pass a basic physical, a Pulmonary Function Test (PFT) and Medical Evaluation. This training includes:

- Hazardous Material Definitions
- Regulatory Exposure Limits
- Human Exposure Consequences
- Chemical Specific Hazards
- First Aid
- Proper Safety Equipment & Use
- Proper Fire-Fighting Procedures
- Proper Release Procedures
- Leader roles
- Scene Control
- Entry
- Decontamination

- Planning For Releases

PERSONAL PROTECTIVE

EQUIPMENT:

Chemical Goggles: Splash-proof, indirect vent, impact resistant, chemical goggles.

Face shields: Straight or Under-the-Chin Visors available; attachable to hard hats or headgear.

Hard Hat: Head protection with 4-point Ratchet Suspension for quick hat adjustments and a tight, comfortable fit.

Neoprene Gloves: Ammonia resistant with interlock liner to hold moisture away from the hand, improved grip and flexibility.

- **Liners** available to provide added thermal protection.

Rubber Boots: Ammonia resistant, slipover chemical boot.

Chemical Suits/Rain Gear:

- Rain gear/Raincoats
- Ammonia Resistant Chemical Suits
- Level A, B and C Suits

Respirators:

- Full Face Cartridge Respirator
- Positive Air Purifying Respirator (PAPR)
- Self Contained Breathing Apparatus (SCBA)

REGULATORY ASSISTANCE & TRAINING:

Process Safety Management (PSM)

- Employee Participation
- Process Safety Information
- Process Hazard Analysis (PHA)
- Operating Procedures
- Training
- Contractor Programs

- Pre-Start Up Safety Review
- Mechanical Integrity
- Hot Work Permits
- Management Of Change
- Incident Investigation
- Emergency Planning & Response
- Compliance Audits

Risk Management Program (RMP)

- Applicability – Threshold Levels
- Program Criteria & Requirements:
 - Worse-Case Scenario Analysis
 - Hazard Assessment
 - Five Year Accident History
 - Management Programs
 - Prevention Programs

General Industry OSHA Safety Programs

- Available upon request!

RM TECHNOLOGIES SPECIALIZED SERVICES:

RM Technologies offers specialized services such as safety training programs, safety equipment and regulatory assistance to assure a safe and healthful work environment. Our commitment to these specialized services will ensure the safe handling, storage and transportation of ammonia.

- All of **RM Technologies** training programs meet and exceed customer and regulatory requirements. These training programs can be specialized to meet customer specific needs.
- All safety equipment in the **RM Technologies** line is ANSI/NIOSH approved and specifically purchased for use with ammonia.

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