

Ammonia and Process Safety Awareness Index



What You Need To Know About Ammonia

What Is Anhydrous Ammonia?

Where Is Ammonia?

What Are Some Chemical Characteristics Of Ammonia?

What Are Some Of The Benefits Of Ammonia?

Why Is Ammonia Considered To Be An Environmentally Friendly Refrigerant?

How Do I Read An SDS/MSDS?

A Safety Data Sheet (SDS) For NH₃?

A Material Safety Data Sheet (MSDS) For NH₃?

Why Is Ammonia's Pungent Odor Important for Safety?

How Dangerous Is Ammonia To Living Things?

What Is PEL For Ammonia?

What If My Company Will Not Provide Me A Respirator?

What Is IDLH For Ammonia?

What If We Have A Release Of 100 Pounds Or More Of Ammonia?

What Type Of Injuries Can I Receive With Ammonia Exposure?

Do You Have Your Eyes Protected?

What Can Be Done If I Am Exposed To Large Amounts Of Ammonia?

Can I Wear Contact Lenses At Work?

Converting PPM to Percentage Concentrations

Can Ammonia Burn?

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Health and Safety Considerations

What Is The Fire Diamond For Ammonia?

DOT: Department Of Transportation Symbols

Are There Any Warning Labels or Signs That Let Us Know
That Ammonia Could Be Present?

What Is Hydrostatic Expansion?

Should I Ever Apply Water To Liquid Ammonia?

Can I Apply Liquid Water to Ammonia Gas (Vapor)?

Where Does Ammonia Go When It Is Released?

Dilution Rate for Ammonia

Why Do We Use Ammonia As A Refrigerant?

Are There Any Common Questions or Misconceptions About
Ammonia I Should Know?

What PPE Does IIAR Recommend You Have Access To?

Why Is Oil Draining So Dangerous?

Toxicity / Flammability Classification

Are There Any Materials Ammonia Should Avoid?

Contamination Inside The Refrigeration System?

What Are Ammonia's Thermodynamic Properties?

Determining the Point of a Refrigerant Leak

Different Types of Ammonia Sensors

Can I Use Just Any Hose To Transfer Ammonia?

What Does Ammonia's Unique Saturation Charts Look Like?

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Introduction to OSHA's Process Safety Management Program (PSM)



What is OSHA's Process Safety Management Program?

What is in the Employee Participation element?

What is in the Process Safety Information element?

What is a Process Hazard Analysis?

What is in the Operating Procedures element?

What is in the Employee Training element?

What is in the Contractors element?

What is in the Mechanical Integrity element?

What is in the Management of Change element?

What is in the Pre-Startup Safety Review element?

What is in the Incident Investigation element?

What is in the Compliance Audit element?

What is in the Emergency Planning & Response element?

What is in the Hot Work Permit element?

What is in the Trade Secrets element?

What is 29 CFR 1910.119?

What do we mean by a Unified Program?

Hierarchy of PSM Elements?

What types of external regulatory inspections are there?

What is the Level 3 Risk Management Plan Checklist about?

What is the Program Quality Verification inspection about?

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How does the CHEMNEP inspection work?

What do OSHA and EPA citations look like?

What do the different “types” of violations mean?

What should we learn from the citation documents presented throughout the GCAP book *“Implementing Process Safety for Ammonia Refrigeration Systems”*

Closing Thoughts

