

Preparedness is Knowing what to do BEFORE the clock starts ticking...

...and not only for those with Ammonia



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What are Tyson's Concerns ?

- Employee Safety is #1
- 100+ facilities using Anhydrous Ammonia
 - Most are large charge systems...50,000 + pounds
- A few using other refrigerants
 - (R-22, R-507, NH₃ / CO₂ Cascade, etc...
- Ammonia is Economical, Efficient (& Natural)

What are Tyson's Concerns ?

- Costs are in failure to realize available efficiencies
- Penalties from citations if we don't MANAGE our systems
- Costs due to Injuries, Litigation, Workers Compensation
- All Affect Profitability

**Ammonia is efficient,
environmentally friendly (GWP & ODP=0)
and it CAN be managed SAFELY!**

If you have...

PREPAREDNESS

What is Preparedness ?

Education + Maintenance = Preparedness

- Refrigeration is core to ours / your businesses
- You should ANTICIPATE the stumbling blocks
 - Fire, Utility Failure, Storms, etc...
- Develop contingencies for those
 - Know your systems
 - Know your emergency responders and make sure they know you
 - Know your neighbors... Don't surprise them with a problem
- Make a PLAN! Get a “One Plan”
 - Make sure someone knowledgeable can take charge immediately

It's ALL About Crisis Management

- It doesn't matter what type of Crisis
- Sustainability relies on you to be "In Business"
- This is simply an aspect of training your management teams and employees on how to react
 - (should the need arise – regardless of the nature of the crisis)

First 10 Minutes

- Take Charge
- Evacuation or Shelter-In-Place / E-Stop
- Make Notifications
 - Team Members (Immediately Affected Personnel and Neighbors)
 - 911
 - LEPC
 - SERC
 - NRC
- IC / Team Leader / Technical Specialist (SME)
- Status Report

All of the above are Muscle Memory Responses

A well rehearsed plan...

- Results in a Successful / Coordinated Response (instead of Chaos)
- Rapid Leak / Spill Mitigation
- Protection and Accountability for Personnel
- Minimized Business Interruption (\$\$\$)
- Terminate Any Incident with a De-Briefing



ASTI Supported Tyson Initiatives



- One Plan Implementation Underway
- Risk Based Response
- Common Sense approach to PPE Selection
- Every response should not require Level A
- Staff according to REALITY
... and train that way
- Integrate your response personnel with outside responders – TRAIN TOGETHER !