

Interesting Confined Space Statistics

- 166 Confined Space Fatalities in 2017
- 31% of spaces had written confined space entry procedures
- •0% of fatalities used written confined space entry procedures



Interesting Confined Space Statistics

- •166 Confined Space Fatalities in 2017
- 15% of killed employees had Confined Space training



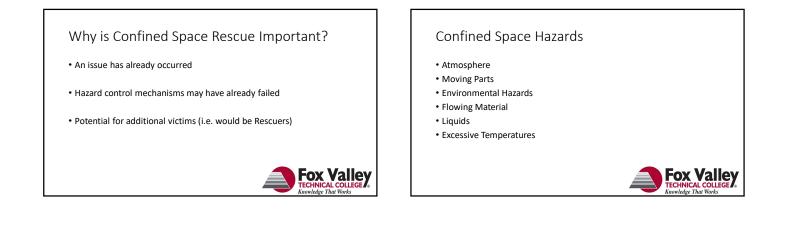
Interesting Confined Space Statistics

- •166 Confined Space Fatalities in 2017
- •0% of spaces had atmosphere tested prior to entry
- •0% of spaces were ventilated prior to entry

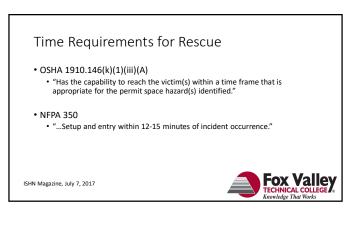


- Interesting Confined Space Statistics
- •166 Confined Space Fatalities in 2017
- 0% of instances had a rescue plan prior to entry
 60% of dead were attempted rescuers









Confined Space Rescue Hierarchy

- Self-Rescue
- Non-entry Rescue
- "Assisted" Entry Rescue
- Entry Rescue



Defining Need for Entry Team

- Configuration of space
- Self Rescue/Non-entry is ALWAYS the preferred option













- Training covered under 1910.146(k)(1)
- Entry teams must be trained to perform tasks
- No set "time" requirement—Performance Based
- At least one member must be trained in CPR/First Aid



Fox Valley

Rescue Considerations

- Configuration of Space will make many decisions for you
- Elevated Access
 - What goes up must come down



Rescue Team Options • Fire Department • Internal Department • 3rd Party Rescue Team

Challenges with Using Fire Department Rescue

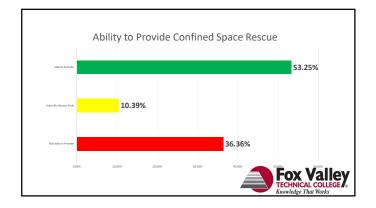
- Most Fire Departments not trained and equipped
- Rescue team is not on site and will need to respond
- Fire Departments may not be available
- Fire Departments will not use your equipment/test results

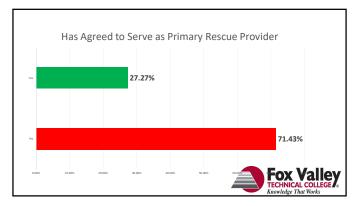


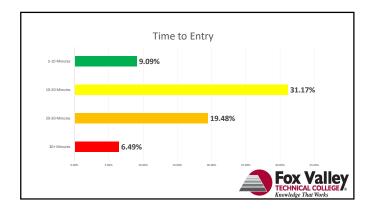
Fire Department Statistics

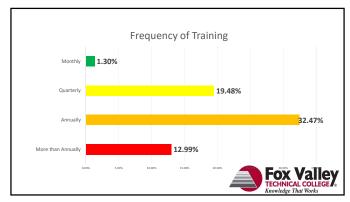
- Conducted a survey of Fire Departments in Wisconsin through Wisconsin State Fire Chiefs Association
- 77 total responses received
 Potential for error

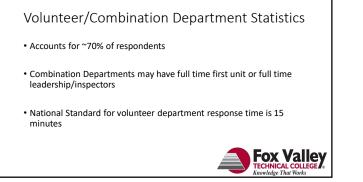


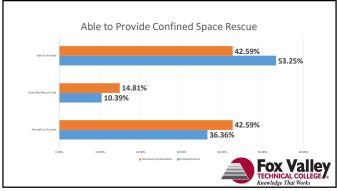


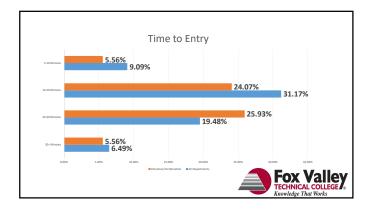


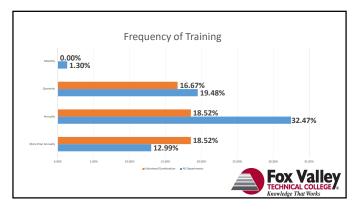












Rescue Considerations—Grain Bins

- Grain Bins or similar structures require special attention
- Victims and rescuers can quickly be buried
- Buried does not mean dead







Key Points

- An ounce of prevention is worth a pound of cure
- Rescue must be available within 12-15 minutes of incident
 occurrence
- Self/non-entry rescue is ALWAYS the safest/fastest method
- A **RESCUE PLAN** must be in place before every PRCS Entry
- Fire Department may or may not be able to assist...Get it in writing

