



# Lunch Box Safety Webinar

## *Safety Over Sandwiches*

**July 17 • Atmospheric Hazards  
in Agricultural Confined Spaces**

*Presented by Joe Mlynek, Progressive Safety Services LLC*

## Supervisor Talking Points

- **As a group discuss the following:**
  - Atmospheric monitoring equipment available at the facility:
    - The type of monitor (diffusion/aspirated/pump)
    - Basic operation of the monitor
    - The type of alarm functions (audible, LED flashing lights, vibration)
    - Atmospheric monitoring capabilities (i.e. oxygen, carbon monoxide, lower explosive/flammable limit, toxic gases – hydrogen sulfide, phosphine, ammonia, etc.)
    - Peak-Low or latching alarm capabilities
    - Location of users-manual
  - Atmospheric monitoring calibration procedure:
    - Frequency of calibration
    - Person responsible for calibration
  - The procedure for bump testing the air monitor
    - Frequency – before each use
    - Purpose of bump test – to ensure that air reaches the sensors and that alarms are functioning properly
  - Potential atmospheric hazards within confined spaces at the facility:
    - Oxygen deficiency
    - Carbon Monoxide
    - Lower Explosive Limit
    - Hydrogen Sulfide
    - Phosphine
    - Ammonia
    - Combustible Dust