Lab-Field Communication in OSHA’s Salt Lake Technical Center’s Investigative Team’s Role in Industrial Accidents

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Communication between SLTC and OSHA Field IH is necessary for OSHA’s Mission

• Sampling Strategy
• Citation Assistance
• Most Sampling Media is supplied to OSHA Field IH from SLTC
Scope of Investigative Team Assistance to OSHA Personnel

• Accident investigation involving a serious chemical release or explosion

• Investigations involving fatalities, serious injuries, or hospitalizations

• High visibility inspection such as major evacuation of office building due to unidentified odors, etc.
OSHA’s Salt Lake Technical Center Investigative Team Experts

- Organic chemistry
- Inorganic chemistry
- Explosive potential
- Material failure
- Engineering
- Industrial hygiene
Call comes into SLTC from OSHA IH
Team assembles and makes a conference call to OSHA IH
Team discusses situation with IH and makes sampling recommendations
Team assigns a contact person for OSHA IH
Contact person compiles sample results and sets up future conference calls to discuss results
Contact person prepares written report of incident
Mass Spectra of 2-bromoethanol.
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HBr + ethylene oxide $\rightarrow$ 2-bromoethanol
OSHA adds value to business, work and life.