



June 2025

# NEWSLETTER

## It's National Safety Month!

*June is National Safety Month – Prioritize Protection Where It Matters Most*

In the industrial world, safety is more than just a policies, it's a culture. Each June, National Safety Month, led by the **National Safety Council (NSC)**, is a reminder that protecting workers, equipment, and operations is not just a best practice— it's a responsibility.

In high-risk sectors like manufacturing, engineering, and heavy industry, one oversight can mean downtime, damage, or even injury. That's why National Safety Month is an opportunity to refocus, reevaluate, and reinforce the systems that keep your teams and processes running safely.

National Safety Month 2025 is an opportunity for organizations to prioritize and reinforce safety practices across all levels. Each week in June highlights a crucial aspect of workplace and personal safety to foster a culture of awareness, engagement, and continuous improvement. Whether it's enhancing processes, encouraging employee involvement, or focusing on mental and physical wellbeing, this month serves as a reminder that safety is everyone's responsibility—every day.



This year's safety focus areas include:

### 2025 Weekly Safety Topics

JUNE 1-7



Continuous  
Improvement

JUNE 8-14



Employee  
Engagement

JUNE 15-21



Roadway Safety

JUNE 22-30



Wellbeing

- **June 1–7:** Continuous Improvement Focus on evaluating and refining safety processes, learning from past incidents, and fostering

innovation in safety practices.

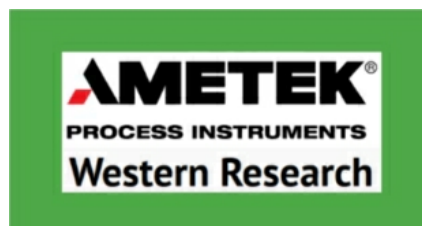
- **June 8–14:** Employee Engagement Emphasize the importance of involving workers in safety discussions, recognizing their contributions, and empowering them to speak up about hazards.
- **June 15–21:** Roadway Safety Highlight best practices for staying safe while driving, whether on the job or commuting, including distracted driving prevention and defensive driving tips.
- **June 22–30:** Wellbeing Promote mental health, stress management, physical health, and work-life balance as essential components of a safe and productive work environment.

Whether you're upgrading your flame and gas detection systems, reviewing PPE protocols, or training new hires on safety procedures, now is the time to take action. When safety is part of your daily routine, not just a June initiative, everyone wins.



Ametek Western Research

(Top) Model 931 Single Gas H<sub>2</sub>S Analyzer (opt. + H<sub>2</sub> and HC)  
(Bottom) Model 932 Multi Gas H<sub>2</sub>S Analyzer (opt. + H<sub>2</sub> and HC)



## Explosion-proof H<sub>2</sub>S + H<sub>2</sub> Process Analyzers

When it comes to gas analysis in challenging industrial environments, accuracy and reliability are critical. That's why **AMETEK/Western Research's 931 Single Gas H<sub>2</sub>S Analyzer** and **932 Multi Gas H<sub>2</sub>S Analyzer** are trusted solutions for continuous monitoring in the world's toughest process conditions.

The **931 Single Gas H<sub>2</sub>S Analyzer** is a high-performance UV-based analyzer built for applications like sulfur recovery units, tail gas treatment, and stack emissions monitoring. Engineered with no moving parts in the sample cell, it provides exceptional stability, low maintenance, and accurate single-component measurement—typically H<sub>2</sub>S or SO<sub>2</sub>—making it ideal for focused monitoring needs.

The **932 Multi Gas H<sub>2</sub>S Analyzer** expands that capability, offering simultaneous measurement of multiple sulfur species such as H<sub>2</sub>S, SO<sub>2</sub>, COS, and CS<sub>2</sub> in real time. With advanced UV optics and digital signal processing, the 932 ensures quick response and outstanding accuracy, supporting improved combustion control and process efficiency.

Both analyzers feature rugged construction and AMETEK's field-proven non-dispersive UV technology, purpose-built to withstand corrosive environments and demanding industrial applications. Whether you're optimizing a process or meeting emissions regulations, these analyzers provide dependable performance with minimal operator intervention. **Contact us** today for product specifications, application insights, or service support.

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## Draeger Flame 1500 & 1750

### High-Performance IR<sup>3</sup> Flame Detection – Draeger Flame 1500 & 1750

When it comes to safeguarding high-risk industrial areas, you need flame detection that's fast, accurate, and engineered to handle the most challenging environments. Draeger's Flame 1500 and Flame 1750 IR<sup>3</sup> flame detectors offer top-tier performance for both conventional and hydrogen fire risks.

**Draeger Flame 1500 (IR<sup>3</sup>)** Designed for the reliable detection of hydrocarbon-based fires, the Flame 1500 uses triple infrared (IR<sup>3</sup>) sensing to detect flames quickly—typically in under 4 seconds. It offers excellent false alarm immunity, even in environments with reflections, sunlight, or hot surfaces. With a detection range of up to 65 meters for standard fuels like n-heptane, it's an ideal solution for refineries, chemical plants, and general industrial applications.

**Draeger Flame 1750 (IR<sup>3</sup> for Hydrogen)** Hydrogen flames are nearly invisible to the naked eye—and difficult for traditional detectors to sense. That's where the Flame 1750 stands out. Purpose-built for hydrogen and other non-carbon-based fires, it uses a specialized IR<sup>3</sup> sensor that reacts to the unique spectral characteristics of hydrogen flames. It detects a 1-meter hydrogen flame at up to 40 meters within just 5 seconds—making it perfect for electrolyzer plants, hydrogen fueling stations, and battery storage facilities.

Both detectors are ATEX and IECEx certified, feature robust stainless steel housings, and offer multiple output options including 4–20 mA, HART, and RS-485 for seamless system integration. Need rock-solid flame detection for hydrocarbon or hydrogen risks? Draeger's IR<sup>3</sup> flame detectors deliver the protection your facility demands.

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Falco Pumped, Fixed VOC Gas Monitor



Falco Diffused, Fixed VOC Gas Detector



Science is engineered for continuous monitoring of Total Aromatic Compounds (TACs), such as benzene, in challenging industrial environments. Utilizing a 10.0 eV photoionization detector (PID), it offers a detection range of 0–50 ppm with a sensitivity of 0.01 ppm. The device's Typhoon Technology prevents condensation within the sensor, ensuring accurate readings in extreme weather conditions. Its anti-contamination design and patented Fence Electrode Technology enhance reliability and minimize maintenance. The Falco TAC features an OLED display and a multi-colored status indicator visible from 20 meters, facilitating easy monitoring. With dual certification (ATEX II 2G db ib IIC T4 Gb and UL/CSA Class 1, Div 1 Groups ABCD T4), it allows for servicing in hazardous areas without the need to remove power or obtain a hot work permit. Communication options include 4–20 mA, RS-485 Modbus, and two programmable relays, enabling seamless integration into existing safety systems.

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is engineered for continuous monitoring of volatile organic compounds (VOCs) in hazardous environments. Equipped with a 10.6 eV photoionization detector (PID), it offers four detection ranges—0–10 ppm, 0–50 ppm, 0–1000 ppm, and 0–3000 ppm—ensuring versatility across various applications. Its innovative Typhoon Technology prevents condensation within the sensor, maintaining accuracy in extreme weather conditions. The device's anti-contamination design and patented Fence Electrode Technology deliver reliable performance with minimal maintenance. Featuring an OLED display and a multi-colored status indicator visible from 20 meters, the Falco Diffused simplifies operation and status monitoring. With dual certification (ATEX II 2G db ib IIC T4 Gb and UL/CSA Class 1, Div 1 Groups ABCD T4), it allows for servicing in hazardous areas without the need to remove power or obtain a hot work permit. Communication options include 4–20 mA, RS-485 Modbus, and two programmable relays, facilitating seamless integration into existing safety systems.

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The Process Insights **COSA Xentaur** product line offers advanced measurement solutions for critical process parameters, including moisture, dew point, and hydrogen purity.

Known for their precision and reliability, these instruments are engineered to perform in demanding industrial environments such as petrochemical, power generation, and natural gas processing. With innovative sensor technologies like HTF™ aluminum oxide and TDLAS (tunable diode laser absorption spectroscopy), the COSA Xentaur line delivers fast, accurate data to help optimize performance, improve safety, and ensure regulatory compliance across a wide range of applications.



Draeger - Portable Gas Detectors

### Draeger Portable Gas Detectors

*Premium Single & Multi Gas Detection*

Portable gas detectors improve job safety. In many industrial environments, workers need to be highly aware of exposure to toxic or combustible gases and vapors or a lack of oxygen. That's why portable gas detectors and analyzers are essential; as they can detect, measure, monitor and react to any gases in the immediate area around them. Draeger offers both single- and multi-gas mobile gas monitors that reliably detect a wide range of gases. All of their portable gas detectors and software are designed to make compliance and asset management as intuitive as possible, helping you implement a complete product solution with ease.

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**Suit Testing Services**



At iFacility Services, we specialize in Level A Suit Testing Services, ensuring your equipment operates safely and reliably. Manufacturers of Level A suits recommend pressure testing of suits on at least an annual basis, and also after each use.

- We follow the ASTM F1052 Pressure Test Method.
- Our technicians perform tests to establish the gas-tight integrity of a totally encapsulated Level A chemical suit. Additionally, a visual inspection is performed allowing us to identify any wear or other defects in the material.
- We can perform our Level A suit service on-site, or at our calibration lab.
- Our suit testing can be combined with other on-site services for cost and time efficiency.
- We provide you full documentation for record keeping and OSHA compliance.

**Contact us** today to schedule your maintenance service to ensure, above all, that your team stays protected.



### ***We'll See You This Week!***

OSHA Summer Summit Event  
by OSHA Training Institute Education Center Region 1  
**Wed, Jun 4, 2025** | 8:00 AM - 4:00 PM  
300 Massachusetts Ave  
Amherst, MA, 01002  
[www.oshaedne.com](http://www.oshaedne.com)



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