



WisCon Words of Wisdom

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WisCon Welcomes New Consultants

Over the last few months, WisCon has welcomed three new Consultants, Sarah Niehauser, Jake Burford, and Mike Dryer! They are all recent graduates from UW-Whitewater. If you have an upcoming visit, you may see them heading your way.

Awareness Topics for July

Operation Safe Driver Week— July 9-15

World Hepatitis Day— July 28

All Month Long:

National Fireworks Safety Month

Vehicle Theft Prevention Month

UV Safety Awareness Month

WisCon Monthly Webinars

Upcoming Topics and Dates:

July 20th: Silica
[Registration Link](#)

August 10th: Combustible Dust
[Registration Link](#)

September 28th: Fall Prevention/
Protection
[Registration Link](#)

October 19th: Respiratory Protection
[Registration Link](#)

Are You Prepared For Safe + Sound?

OSHA's annual Safe + Sound week is next month! Is your organization preparing to participate? Any organization wanting to showcase their commitment to safety and health is encouraged to participate.

Source: [OSHA](#)

Lost on how to start? Being Safe + Sound at work starts with having a safety and health program that includes management leadership, worker participation, and identifying and fixing hazards as main core elements.



Visit the [Safe + Sound webpage](#) for more information.

New & Free WisCon Public Sector Consultation

The WSLH's Occupational Health Division, with funding provided by the US Centers for Disease Control and the Wisconsin Department of Health Services, has established a team of occupational safety and health consultants whose mission is to help Wisconsin's public sector employers reduce or eliminate workplace hazards by providing strategies and training that focus on workplace safety. Historically, WisCon has been limited to providing services to small and medium sized businesses in the private sector due to grant constraints.

Services to our public sector clients include: telephone and virtual consultation services, on-site assessment of workplace or job specific hazards for the purpose of making recommendations to reduce or eliminate potential employee exposures, and training services.

We also offer a monthly webinar series on the last Tuesday of every month starting at 11:00 a.m. To view our upcoming webinars and register, please visit our [Public Sector Monthly Webinar Series](#) webpage.

Are you ready to request public sector consultation services? Click [HERE](#).

Fireworks and PSM

Tomorrow is the 4th of July, our nation's Independence Day. Celebrations already started over the weekend and will likely continue into the next or beyond. The pops, booms, and fizzles of fireworks can be heard across all neighborhoods providing excellent shows and fun entertainment while agitating babies, dogs, and some humans with PTSD or those who have to wake up super early.

So what do fireworks have to do with worker or workplace safety? Well besides the hazard and risk associated with set up and denotations, fireworks or pyrotechnics have to be made somewhere.

The manufacture of pyrotechnics, in any amount, is covered under OSHA's Process Safety Management (PSM) standard, [29 CFR 1910.119](#). Pyrotechnics as defined in OSHA's Explosive and Blasting Agents standard, [29 CFR 1910.109](#) paragraph (a)(10), are any combustible or explosive compositions or manufactured articles designed and prepared for the purpose of producing audible or visible effects which are commonly referred to as fireworks.

Although, all elements within the PSM standard apply to these facilities, because of the associated hazards of pyrotechnics, the following PSM elements are particularly important:

- Process Safety Information (PSI)
- Process Hazard Analysis (PHA)
- Operating Procedures
- Training
- Mechanical Integrity (MI).

PSM is crucial for facilities manufacturing pyrotechnics. The required safety programs within the standard helps prevent fires, explosions, and other incidents. Complying with PSM and the employer's chosen recognized and generally accepted good engineering practices (RAGAGEP) also helps to ensure the safety of people within the building, facility equipment, and neighboring establishments.

Pyrotechnics manufacturing is classified with the North American Industry Classification System (NAICS) under

code 325998 – All Other Miscellaneous Chemical Product and Preparation Manufacturing. In federal fiscal year 2022, Federal OSHA performed 23 inspections and issued 70 citations in facilities under NAICS code 325998. PSM standard violations were the top violated standard with 20 citations resulting from only 4 inspections.

The manufacturing of pyrotechnics and explosives is an inherently hazardous process. Failing to recognize any unsafe condition in the process or facility or not taking steps to mitigate hazards can result in circumstances that may result in injury or death to people in or near the establishment.

OSHA's pamphlet 3912, [Process Safety Management for Explosives and Pyrotechnics Manufacturing](#), is a great resource for additional information on this topic.



Wisconsin Safety and Health Consultation Program

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