



# Through the Years

In April 2004, Jerome established J.E. Spear Consulting, LP, focused on delivering consulting services in industrial hygiene and safety, helping organizations prevent injuries and illnesses, control losses, and achieve regulatory compliance. After 25 years, old friends Jerome and Jeremy reunited, joining forces through Spear & Lancaster, LLC. The two met while working together at Chicago Bridge & Iron Company (CB&I) in 1992. After pursuing their own career paths with Jeremy at Chevron Phillips Chemical and Jerome serving as President at J.E. Spear Consulting for nearly 20 years, the two partnered with their combined experience of over 60 years.

# Progress Through Publications

50+

Articles

60+

Combined Years  
of Experience



## Published Articles

*These are some of our published articles. Scan the QR code to see our full list.*

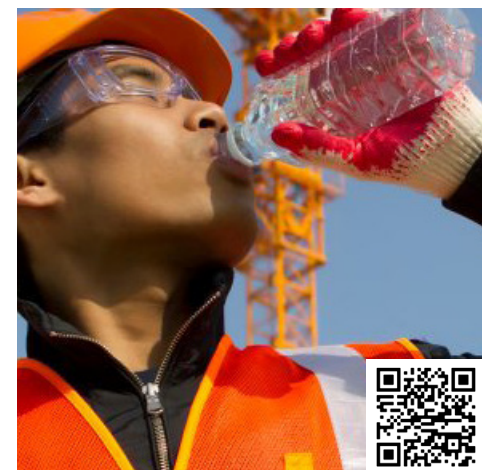
### **Mobile Crane Safety: The Importance of Lift Planning, 2009**

Construction crane operations are a risky matter, with an average of 42 crane-related deaths annually from 1992 to 2006. The first step in establishing a corporate mobile crane lift-planning requirement is to define the term “critical lift.” Comprehensive lift planning is essential in promoting risk mitigation and preventing accidents.



### **Heat Illness Prevention: What Are The Risk Factors, 2013**

The National Weather Service states excessive heat is the number one weather-related killer, causing more fatalities per year than lightning, floods, hurricanes, tornadoes, winter storms, and extreme cold. Heat illness occurs when the body is out of heat balance. Heat balance means the heat the body produces equals the heat it loses. Thus, when the body is out of heat balance, it produces and retains more heat than it loses, resulting in heat illness.



### **Bonding and Grounding: Controlling Static Electricity, 2018**

Bonding and grounding techniques are imperative in preventing potential fires due to electrostatic discharges. These two techniques should be strictly followed in areas where flammable and combustible liquids are stored, dispensed, or used to prevent workplace incidents.



***“The two most important ways to prevent static sparks are~ bonding and grounding.”***

### **Hexavalent Chromium: Exposure Factors from Welding Operations, 2022**

Hexavalent chromium (Cr(VI)) occurs through the oxidation of chromium compounds with lower valence states. Cr(VI) is one of the largest occupational and environmental health concerns, as it is the most toxic. The high temperatures created by welding oxidize chromium to the hexavalent state, prompting the need to monitor welding fume exposure factors.





## Lessons In Safety

### Elements of a Fleet Safety Program, 2004

More than 42,000 motor vehicle fatalities occur each year in the United States, making motor vehicle accidents the leading cause of death from unintentional injury in the general population. Jerome Spear recounts the tragic loss of his brother in a devastating car accident caused by a driver operating heavy equipment while under the influence. An effective fleet safety program is the cornerstone to preventing devastating losses.

### Excavation and Trenching Safety, 2023

Excavation and trenching pose serious threats to worker well-being; thus, proper safety measures are critical in preventing tragic accidents. Jeremy Lancaster shares a personal story of losing his brother to a fatal trenching accident in 1987, underscoring the lasting impact of unsafe practices.

***“Preventable trenching and excavation accidents still occur to this day due to the mistakes of convenience made for the sake of ‘saving time.’”***

## Safety Expert Advice

### Welding Fume and Gas Exposure, Occupational Health & Safety, 2011

The health effects associated with metal fumes depend on the specific metals present in the fumes. They may range from short-term illnesses to long-term damage and/or neurological disorders. The first step in assessing potential exposure to welding fumes and gases is to understand common welding processes.

### Safe Use of Wire Rope: Proper Maintenance & Inspection, Water Well Journal, 2024

Wire rope is an integral part of many pieces of load handling equipment. A failure to any “link” used in load handling equipment, including wire rope, can have catastrophic consequences.

***“Like any equipment part or system, proper maintenance, inspection, and use are critical in maintaining the equipment in safe operating conditions.”***





**Jerome Spear**  
**CIH, CSP, FAIHA**

I have over 33 years of experience helping organizations prevent injuries and illnesses, manage losses, and achieve regulatory compliance. Previously, I held the positions of Technical Services Manager for XL Specialty Risk Consulting and Corporate Industrial Hygiene Manager for CB&I. In 2004, I founded J.E. Spear Consulting, LP, focused on providing industrial hygiene, safety, and environmental consulting services.



**Jeremy Lancaster**  
**CSP, MBA**

I have over 27 years of experience working to improve safety and EHS management, process safety, and incident prevention in a wide range of applications. I previously worked at Chevron Phillips Chemical Company, leading safety improvement and driving key success metrics throughout the global enterprise. Prior to joining Chevron Phillips in 2001, I worked for CB&I, where I met Jerome. After 25 years of friendship, I started working with Jerome Spear at Spear & Lancaster, LLC.

**April 2004**

Established J.E. Spear Consulting, LLC



**June 2006**

Reorganized to a limited partnership with J.E. Spear Consulting, LP as the limited partner and J.E. Spear Management, LLC as the general partner

**January 2016**

Rebranded, new logo design, and new website design



**May 2023**

New partnership formed, resulting in the creation of Spear & Lancaster, LLC with a new logo and rebrand



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