**Why You Should Attend:**

- **INDUSTRY EXPERTS** present the utility industry's latest insights on safety and training.
- **SHARE IDEAS AND NETWORK** with your peers and compare challenges and solutions.
- **INSPIRATIONAL KEYNOTE SPEAKER**: Hear Bob McCall present "Awaken the Leader in You.”
- **LEARN NEW SAFETY TIP AND TECHNIQUES** that you can bring home and use immediately.
- **EXPLORE** the expo hall and outdoor exhibits with 950+ vendors and learn about all the new safety products and more.

**WHO ATTENDS iP UTILITY SAFETY CONFERENCE?**

- Safety managers and other safety personnel
- Supervisors
- Foremen
- Trainers
- Contractors
- Superintendents

**WHERE ARE iP UTILITY SAFETY CONFERENCE ATTENDEES TYPICALLY EMPLOYED?**

- Electric and gas utilities
- Communication and cable providers
- Municipal utility departments
- Contractors that serve these businesses

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**Keynote Speaker, Robert McCall**

Inspire High Performance, LLC

Do you want to create high-performing teams? Do you want the members of those teams to give 100 percent every day? If you answered yes to one or both of those questions, join Bob McCall on a journey of leadership improvement at the 2017 iP Utility Safety Conference & Expo keynote breakfast. McCall, president of Inspire High Performance LLC, is a retired executive who has now taken on the role of a certified John Maxwell leadership trainer and coach. He spent 33 years in the electric utility industry, during which he held leadership positions ranging from first-line supervisor to regional vice president. McCall also led teams supporting five power plants, as well as teams that supported six states and 58 locations.

During this inspiring keynote presentation, McCall will share with you proven leadership behaviors that helped him become an influential, motivating and engaging leader who inspired team members to perform at their maximum potential each and every day. With a proven track record of helping leaders and team members improve their skills, McCall wants to pass along that knowledge to you so you can achieve the same level of success. His goal is to share the tools that will propel your leadership style to the next level, because that’s where leadership begins — with you.
IP Utility Safety Conference & Expo Co-Locates with ICUEE in 2017

The IP Utility Safety Conference & Expo is the utility industry’s leading education event for safety, training and operations professionals. In the fall 2017, it will once again co-locate with the International Construction & Utility Equipment Exposition, also known as The Demo Expo, at the Kentucky Exposition Center in Louisville. The IP Utility Safety Conference & Expo will be held October 2-4 and ICUEE will be held October 3-5.

The co-located events will provide unparalleled educational and networking opportunities. With more than 1.1 million net square feet of indoor and outdoor exhibit space, attendees will have access to product displays and hands-on equipment demonstrations in job-like conditions. Attendees will also be able to operate and test equipment, experiencing firsthand the capabilities of a wide variety of machines in action. The IP Safety Zone will be on the ICUEE show floor and showcase safety and training vendors in a dedicated space.

Produced by Incident Prevention magazine, the three-day IP Utility Safety Conference & Expo features 30+ industry experts who share their job knowledge and utility industry experiences. Most of the presenters at the conference are actively employed by a utility company or contractor organization, or provide training services to the industry. Utility safety, training and operations professionals attend the IP Utility Safety Conference & Expo to enhance their job knowledge, learn about new utility safety and training products, gain insight into new regulatory updates and network with their peers. The IP Utility Safety Conference & Expo will help you find solutions to your utility safety and training challenges.

The IP Utility Safety Conference & Expo is truly a must-attend event for utility safety leadership. Join us in Louisville for an inspiring keynote, utility safety seminars, an expo hall filled with new safety products, thought-provoking panel discussions plus all that ICUEE has to offer!

Registration for IP Utility Safety Conference & Expo

Cost to attend is $1099. Package in a one-year subscription to the IP Institute Online Learning and Education for just $1499. Go to www.utilitysafetyconference.com to register today. All major credit cards are accepted or you can pay by check.

Members of the Utility Safety & Ops Leadership Network are eligible for a discount. Visit www.usoln.org to learn more details.

Hotel Reservations

ICUEE has negotiated and secured a limited number of hotel rooms available at a group rate. Rooms are available on a first-come, first-served basis. Please visit www.utilitysafetyconference.com/hotel to make your reservation.

Register online at www.utilitysafetyconference.com | Questions? Call 815-459-1796.
AGENDA - AT - A - GLANCE

MONDAY, OCTOBER 2

7:30 - 9:00
Keynote Breakfast: Awaken the Leader in You, Robert McCall, Inspire High Performance, LLC

9:00 - 10:30
9:00 - 10:00
How You Can Avoid the “Human Error” Trap: A New Perspective That Reduces Dangerous and Costly Mistakes
Philip Ragin, CUSP, Director of Training and Performance Improvement, The R&D Group

10:00 - 10:30
Safety Improvement Audits: What, Why, When and How
Pam Tompkins, CSP, CUSP, President, SET Solutions

10:30 - 11:00
Break

11:00 - 12:00
Frontline: Safety Leadership Fundamentals
David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

11:00 - 12:00
Personal Protective Grounding Principles for Overhead and Equipment
Jim Vaughn, CUSP, Resident SME, Incident Prevention Institute

11:30 - 1:00
NETWORKING LUNCH AND PANEL DISCUSSION

12:00 - 1:30
People Perspective: What Changes When You Put a Face on Safety?
Kyla Knaas, MA, Communications Director, Energy Education Council

1:30 - 2:00
Understanding 120-Volt Circuitry & Equipment: Getting to the Bottom of the Mysteries, Myths & Mirth
Mack Tatum, CUSP, Executive Director, Dave Johnson, CUSP, Consultant, ISPC

1:30 - 2:30
Did OSHA Miss an Opportunity to Require Increased Cover Up?
Danny Raines, CSP, Utility Safety

1:30 - 2:30
Safe Driving Programs That Work: A ComEd Safety Success Story
Stephen Frankel, CUSP, Sr. Safety Specialist, ComEd/Evelon

2:30 - 3:30
How to Map a Safer Path for Your Organization Through GIS
Richard Koch, BSIT in Software Engineering, GIS Specialist, FirstEnergy

2:30 - 3:30
Underground Personal Protective Grounding Principles
Jim Vaughn, CUSP, Resident SME, Incident Prevention Institute

2:30 - 3:30
Incident Investigation: How Doing It Right Can Prevent Future Incidents
Pam Tompkins, CSP, CUSP, President, SET Solutions

2:30 - 3:30
How to Empower Your Workers to Proactively Address Hazards

3:30 - 4:30
ROUND TABLES

4:30 - 5:30
USOLN MEETING FOR MEMBERS AND THOSE CONSIDERING MEMBERSHIP

TUESDAY, OCTOBER 3

8:30 - 9:30
Underground Cable Vaults: How to Avoid Common Hazards
Chris Grage, CSP, CUSP, Director HSE – Work Methods, Alltech Line Contractors Inc.

9:30 - 10:00
100% Fall Protection: Is It Possible?
Lee Marchessault, CSP, President, Workplace Safety Solutions, Inc.

10:00 - 11:00
Break

10:00 - 11:00
Frontline: Human Performance Fundamentals
David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

10:00 - 11:00
Why Cranes Fail and What You Can Do To Prevent it From Occurring at Your Organization
Gary Tellish, CSP, CET, CUSP, Safety Manager-Training, Quanta Services, Inc.

11:30 - 1:00
BREAK

12:00 - 2:00
How to Implement an Effective T&D Switching and Tagging Process
A.L. “Skip” Holloway, CUSP, Sr. Consultant, SET Solutions LLC

12:00 - 2:00
Injury Prevention: How to Coach Aging Utility Athletes
Dr. James Clapper, DC, Injury Prevention

12:00 - 2:00
The Technical Skill of Concentration: How Lineworkers Can Improve their Focus
Parish Taylor, Managing Director, Taylor-Made Concepts, LLC

12:00 - 2:00
From Myth to Reality: How Aldridge Electric Created an Incident and Injury-Free Culture: The Journey Continues
Tim McLaughlin, CSP, CUSP, Group Safety Manager, Aldridge Electric

2:00 - 3:00
How to Map a Safer Path for Your Organization Through GIS
Richard Koch, BSIT in Software Engineering, GIS Specialist, FirstEnergy

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Underground Personal Protective Grounding Principles
Jim Vaughn, CUSP, Resident SME, Incident Prevention Institute

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Incident Investigation: How Doing It Right Can Prevent Future Incidents
Pam Tompkins, CSP, CUSP, President, SET Solutions

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How to Empower Your Workers to Proactively Address Hazards

3:30 - 4:30
ROUND TABLES

4:30 - 5:30
USOLN MEETING FOR MEMBERS AND THOSE CONSIDERING MEMBERSHIP

WEDNESDAY, OCTOBER 4

8:30 - 9:30
Frontline: Incident Prevention Fundamentals
David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

9:30 - 10:00
Break

10:00 - 11:00
Coaching/Correcting Performance Behaviors
Sam Holt, CUSP, OS&HA, ASHI, Utility Training Analyst, City of Tallahassee

10:00 - 11:00
Changes in Arc Flash Standards, NFPA 70E, ASTM F18 and Other Groups Affecting Electrical Work
Hugh Hoagland, Sr. Consultant, ArcWear

10:00 - 11:00
A Sports Medicine Approach to Utility Ergonomics
Tony Kaczkowski, MHCA-MLS, LAT/ATC, CEES, President, InSite Health, LLC

10:00 - 11:00
CUSP PROGRAM

8:00 - 5:00
EXHIBITS OPEN
How You Can Avoid the “Human Error” Trap: A New Perspective That Reduces Dangerous and Costly Mistakes

Human error is often the focus of incident investigations and is seen as a key contributor to accidents. In this seminar, we will explore a new approach to understanding human error, including understanding why it occurs. This new perspective will help you break from long-standing tradition and natural impulses and recast the frustrating problem of human error into a manageable challenge.

YOU WILL LEARN:
• How to identify different sources of human error.
• Actions your organization can take to reduce the likelihood of human error.
• Understand the value of employing a “systemic” view of human performance.

Phillip Ragain, CUSP, Director of Training and Performance Improvement, The RAD Group

Safety Improvement Audits — What, Why, When and How Audit? Just the thought of participating in an audit brings to mind frightening thoughts. So why would an organization want to spend time, money and resources to audit when it could be painful. To answer this question, organizations must develop a deeper understanding of using audits as an improvement tool rather than a way to monitor compliance.

YOU WILL LEARN:
• The differences between traditional compliance audits and improvement audits.
• Why and when a safety improvement audit should be completed.
• What should be included in a comprehensive safety improvement audit.
• How to use a safety perception survey and a common cause analysis to help identify specific safety culture issues and areas of vulnerability.
• How to identify strengths and weaknesses within safety management systems, training systems and written rules and procedures.
• How to develop an effective plan for future improvement.

Pam Tompkins, CSP, CUSP, President, SET Solutions LLC

Normalization of Deviance, Situational Awareness, Expanded Tailboard Imaging

This session will demonstrate how normalization of deviance and situational awareness affect the way employees recognize and mitigate problems they encounter in everyday work.

YOU WILL LEARN:
• An explanation of situational awareness and how it is applied in utility work and public safety.
• A definition of normalization of deviance and how it contributes to developing bad practices in the workplace.
• How to apply expanded tailboard imaging as a tool to improve situational awareness.

Doug Hill, CUSP, SCT; Dan Pfeffer, CUSP; Nate Waters, CUSP
Consumers Energy

Contractor Risks: Is Your Safety Oversight Adequate?

Often, safety violations, injuries and property damage that make national news headlines are caused by contractors and subcontractors working with the utility. Learn why utilities are being held responsible for subcontractor safety performance and what you can do to safeguard your organization in ways that will minimize incidents, risk, citations and bad PR.

YOU WILL LEARN:
• How OSHA determines if your company is a “citable employer" under the multi-employer work-site rules.
• Best practices that utility companies use to evaluate subcontractor safety performance and identify the "safe" subcontractors.
• How project-specific safety plans can ensure that your contractors plan their work, analyze hazards and prevent foreseeable incidents.
• How a California electric utility, with multiple lines of business, manages its successful contractor safety program.

David Paoletta, MS, CSP, CUSP, Consultant/Sr. Project Manager, SCM Safety Inc.

Frontline: Safety Leadership Fundamentals

This presentation will cover the fundamentals of the Frontline Safety Leadership module which teaches anyone, regardless of their position, is a safety leader and if and when they take correct safety actions. This course explains what it means to be a safety leader and helps improve your leadership skills.

YOU WILL LEARN:
• Identify behaviors and characteristics great safety leaders have in common.
• Discuss how to communicate effectively, build relationships, coach, and provide feedback.
• Explain how to adapt your leadership style to people and circumstances.
• Understand how culture is created in an organization, how to lead change, and how to resolve conflicts.

David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

Personal Protective Grounding Principles for Overhead and Equipment

There is still a lot of confusion across industry regarding methods and rules for grounding for personal protection. This presentation will help you understand both the grounding requirements and the methods that will best protect employees working on overhead maintenance or stringing jobs.

YOU WILL LEARN:
• The grounding requirements for overhead maintenance and stringing.
• The best practices for grounding for overhead maintenance and stringing.

Jim Vaughn, CUSP, Resident SME, Incident Prevention Institute

People Perspective: What Changes When You Put a Face on Safety?

When one reads them, safety regulations and policies can seem faceless and distant. Hear from an electrical accident survivor, and learn how personal stories can help motivate your organization to cultivate positive attitudes toward safe work practices and a culture of safety.

YOU WILL LEARN:
• Why you must address attitudinal change in safety communications.
• Practical ways to incorporate personal stories into your training.
• Why a culture of safety must go beyond practices to focus on the people and the mindset that they bring to their work.

Kyla Kruse, MA, Communications Director, Energy Education Council
Purpose and Principle-Driven Safety: Everyone Goes Home Unharmed Every Day

Does your organization's safety program have limited success and longevity? Do you share the frustrations of employers/employees alike who are disillusioned with the myriad of rules and carrot-stick programs meant to improve safety culture? There is a more effective way. This session will show you how an effective safety program connects the work an employee does each day back to what truly matters: the quality of his/her life, security for his/her family, and the satisfaction of a job done right the first time with the ability to go home unharmed every day.

YOU WILL LEARN:
• Why rules and carrot-stick safety initiatives have short-lived success.
• What the true purpose of safety should be in employees’ minds.
• Understand the seven fundamental principles of successful safety programs.

Jesse Hardy, CSP & CET, VP- HSE, Supreme Industries

Understanding 120 Volt Circuitry & Equipment: Getting to the Bottom of the Mysteries, Myths & Mirth

This session will take you on a journey of understanding 120 Volt circuitry and equipment used in the United States. Along the way, we’ll take side trips into other phenomena such as lightning protection, equipment grounding and GFCI workings.

YOU WILL LEARN:
• Why 120 volt nominal rules make sense from a safety standpoint.
• Identify myths you hold about electricity — and then learn how to unmask and dispel the inaccurate information.
• Elevate your understanding through demonstrations that bring these rules to life.
• Gain insight into debating constructively with those who hold on to these myths about 120 volt.

Mack Turner, CUSP, Executive Director; Dave Johnson, CUSP, Consultant ISPC

Did OSHA Miss an Opportunity to Require Increased Cover Up?

Do you know the history of utility cover up? How did current work practices evolve from working energized conductors from pole? In this session, presenter Danny Raines expands upon his recent iP Magazine article, “Voice of Experience: OSHA’s MAD Changes and a Missed Opportunity” to highlight concerns about the Standard requirements. Did OSHA miss a chance to amend the MAD requirements in order to ensure that minimum regulations will improve safety in industry?

YOU WILL LEARN:
• Insight into regulations on distribution voltages and gloving of energized conductors and equipment.
• Proper distribution cover-up, including the path to ground.
• Lessons learned from improperly covered potentials &grounds.

Danny Raines, CUSP; Raines Utility Safety

Safe Driving Programs that Work: A ComEd Safety Success Story

If your organization is experiencing too many driving-related incidents, this is the session for you. ComEd will share its safe driving program and how it has inspired its employees to treat driving with the respect it deserves. Learn how the initiative was launched, how it was implemented, and the success it has created.

YOU WILL LEARN:
• Information about how a safe driving plan is implemented through a campaign, education, technology and training.
• Insight into the results the initiative can have on a utility organization.

Stephen Franker, CUSP, Sr. Safety Specialist, ComEd/Exelon

Mobile Equipment Regulatory Update

Get the latest regulatory update information about mobile equipment including the walking-working surfaces standards and how these apply to vehicles. This session will also examine the interpretation letters for dual-rated equipment and construction activity.

YOU WILL LEARN:
• How walking-working surfaces standards apply to vehicles.
• OSHA’s interpretation letter regarding dual rated equipment.
• Recent OSHA interpretation letters on construction activity.

Josh Chard, ALTEC

TUESDAY, OCTOBER 3

Underground Cable Vaults: How to Avoid Common Hazards

Get a better understanding of a broad range of hazards and the recommended mitigation strategies to effectively and safely perform work in underground high-voltage electrical vaults. This session shows how to integrate confined space concepts with practical methods of energy control inside vaults and interconnected spaces. You’ll also learn how to perform step evaluation of hazards and how to implement proper controls within specific vault configurations.

YOU WILL LEARN:
• How to identify the associated hazards of working in energized vaults.
• Insight into known circuit failure modes and the critical interventions needed.
• How you can catalog spaces for the purpose of grouped risk assessments.
• How to develop functional rescue methods.

Chris Grajek, CRSP, CUSP, Director HSE – Work Methods, Alteck Line Contractors Inc.

100% Fall Protection: Is It Possible?

Learn about OSHA’s fall hazards and risks assessment requirements as well as how to determine the best hazard-mitigating, 100% fall protection approach for your organization. You will also learn about the various fall protection systems associated with working from poles, towers, substation structures, station transformers and equipment, catenary structures, aerial lifts and ladders.

YOU WILL LEARN:
• How to perform a fall risk assessment.
• Understand the requirements for an effective fall protection program including training.
• Determine the best approach to various fall hazards.
• Identify the component parts to a personal fall protection system (PFAS).

Lee Marchessault, CUSP, President, Workplace Safety Solutions, Inc.

How to Create Sustainable Safety Performance

Does your organization implement safety initiatives that work one year, but fail the next? Are you having difficulty finding solutions to safety issues at your organization that are effective? If you answered yes to either of the above, this is a session you’ll want to attend.

Ted Granger taps into his vast utility leadership experience and Six Sigma knowledge to provide you with a strategy for sustaining safety success at your organization.

YOU WILL LEARN:
• Insight into numerous leading safety indicators and how to effectively manage with them.
• An overview of the analytical tools, work methods, improvement initiatives and best practices that safety professionals can use to help improve safety performance.

Ted Granger, CUSP, CSSBB, Granger Management Consultants
How to Improve Your Temporary Equipotential Protective Grounding
Learn a brief history of temporary protective grounding as well as recent OSHA guidelines that impact working practices and product. Using a simple circuit analysis, we will illustrate the impact of fault current with and without adequate protective grounding. You will gain a greater understanding of the potential hazards that impact your workers when inadequate ground sets are employed. Equipotential grounding will be presented, with detail about the products needed to achieve an equipotential zone for your linemen.

YOU WILL LEARN:
• Why managing your equipotential grounding is so crucial — and the products you should use to achieve an equipotential zone for your linemen.
• More about potential hazards to workers when inadequate ground sets are employed.
• What fault current and resistance is and how to keep your team safe.

Jeff Kopp, Safety Products Product Manager, Hubbell Power Systems/Chance

Frontline: Human Performance Fundamentals
This presentation will cover the fundamentals of the Frontline Human Performance module. The course establishes the need for safety by design and defense in depth because people will make mistakes. Topics covered include identifying error likely situations and utilizing Human Performance tools to reduce errors and manage controls.

YOU WILL LEARN:
• Identify error likely situations during work planning.
• Discuss how to predict, manage, and eliminate error likely situations through safety by design.
• Explain how to establish defense in depth aimed at eliminating consequential errors.
• Understand how to apply appropriate Human Performance tools based on performance mode.

David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

Why Cranes Fail and What You Can Do To Prevent it from Occurring at Your Organization
Do you have questions about the proper operation of cranes? This session will provide the answers including why proper certifications and qualifications are vital to crane operation safety. Together, we will review load chart interpretation, crane operation principles and the meaning of subpart CC. Lastly, we will study various crane incidents and learn how these could have easily been averted.

YOU WILL LEARN:
• How to set up and properly operate cranes.
• The differences between ASME B30.5 and ANSI A92.2.
• Why you should utilize cranes to hoist personnel.
• Why you should have an A/D director and Lift Director.

Gary Tellish, CSP, CET, CUSP, Safety Manager/Training, Quanta Services, Inc

Ergonomic Tooling: How to Reduce Injuries and Improve Utility Worksite Safety
Could improperly designed tools be contributing to ergonomic injuries in your workplace? In this session, presenter Raffi Elchemmas reviews ergonomic injury causes and risk factors and then outlines a step-by-step process designed to recognize and reduce ergonomic injuries on the jobsite.

YOU WILL LEARN:
• Insight into ergonomic injury causes and risk factors.
• How to mitigate injuries and injury risk.
• How product testing can quantify levels of ergonomic risk — resulting in improved design and safer tools.
• About key tool features that improve worksite ergonomics.

Raffi Elchemmas, MBA, AEP, Sr. Manager, Milwaukee Tool

How to Implement an Effective T&D Switching and Tagging Process
Do you know the differences between traditional lockout/tagout and switching and tagging on T&D systems? Do you fully understand OSHA’s new requirements for switching and tagging procedures? If you answered “no” to either of the above, this is the session for you. Presenter Skip Holloway will explain why you need an effective switching and tagging process as well as show you how to develop one.

YOU WILL LEARN:
• More about OSHA’s 1910.269(m) “De-energizing lines and equipment for employee protection.”
• Specific terms and definitions for T & D procedures required for de-energizing, isolating, tagging and grounding to perform de-energized work.
• What it takes for a worker to be considered a “qualified employee.”
• Details and insight about required training.

A.J. “Skip” Holloway, CUSP, Sr. Consultant, SET Solutions LLC

Injury Prevention: How to Coach Aging Utility Athletes
As the utility workforce ages, it is more important than ever for employers to focus on maintaining healthy muscle tone and flexibility and work smart to prevent future injury to muscles, joints and discs. Learn the best approach to coaching your aging workforce toward better injury prevention by exploring utility case studies that identify risks.

YOU WILL LEARN:
• The root causes of injuries to muscles, joints and discs.
• Practical ways to prevent injuries.
• How to coach your aging workforce to prevent personal injuries.

Dr. James Clapper, DC, Injury Prevention Professional, Future Industrial Technologies

The Technical Skill of Concentration: How Lineworkers Can Improve Their Focus
Improving your focus requires active, daily routines to develop the mental skill of concentration. This presentation emphasizes the core skills of ‘self-awareness’ and ‘self-regulation’ covered in the studies of emotional intelligence and neuroscience. Explore how you can improve your focus and learn new techniques for navigating through the personal and external distractions lineworkers face every day.

YOU WILL LEARN:
• How to define emotional quotient and emotional intelligence in line work.
• Identify self-awareness skill-sets and competencies to improve your focus.
• Identify personal intervention tools to improve your professional performance on the job.
• Identify team intervention techniques you can use to increase the emotional quotient among crew members.

A.J. “Skip” Holloway, CUSP, Sr. Consultant, SET Solutions LLC

From Myth to Reality: How Aldridge Created an Incident and Injury-Free Culture: The Journey Continues

How would you rate your organization’s safety culture? Is it good... but not great? Have your safety values plateaued? In this session, Aldridge Electric shares details behind its quest to create an ‘Incident and Injury-Free’ culture. Learn about the IIF concept, the successes realized and the continued challenges the company faces.

YOU WILL LEARN:
• Insight into the process of cultural change.
• Why relationships are foundational to a strong safety culture.
• The importance of valuing people over numbers and statistics.

Tony McLaughlin, CSP, CUSP, Group Safety Manager; Aaron Gies, CSP, CUSP, Group Safety Manager; Mark McKean, CSP, Group Safety Manager; Gary Coleman, CSP, CUSP, Group Safety Manager; Aldridge Electric

How to Map a Safer Path for Your Organization Through GIS

Have you relied on GIS data for a work assignment and quickly noticed a mapping issue? While it is inconvenient to have to reroute, GIS errors are rarely the cause of incidents. However, poor GIS data quality can certainly play a critical role in adverse decisions that lead up to an incident. To illustrate this point, we will examine two real world scenarios and highlight the role GIS played in the decisions that led up to the incidents.

YOU WILL LEARN:
• Why good GIS records management—as well as quality control of GIS records and processes—is critical to your safety.
• Why the “trust but verify” approach is necessary.
• How to establish a method for your field workers to report GIS system errors and ensure these errors are corrected.

Richard Koch, BSIT in Software Engineering, GIS Specialist, FirstEnergy

Underground Personal Protective Grounding Principles

There is still a lot of confusion across industry regarding methods and rules for grounding for personal protection. This presentation will help you understand both the grounding requirements and the methods that will best protect employees working on substation or underground system operations jobs.

YOU WILL LEARN:
• The grounding requirements for substation or underground system operations.
• The best practices for grounding for substation or underground system operations.

Jim Vaughn, CUSP, Resident SME, Incident Prevention Institute

Incident Investigation: How Doing it Right Can Prevent Future Incidents

Once an incident has occurred, it’s important to determine the facts and develop a plan to ensure future incidents don’t occur. Before a plan can be developed, basic causal factors—including the root cause—must be established. Join this class for an active discussion about reviewing basic incident prevention strategies; developing a systematic investigation approach; how to determine causal factors; root cause analysis; investigation techniques; and how to write and submit a complete incident investigation report to management.

YOU WILL LEARN:
• How to develop a comprehensive and systematic incident investigation plan for your organization.
• Why causal factors need to be identified prior to developing your plan.
• What elements should be included in an investigation report to management.

Pam Tompkins, CSP, CUSP, President, SET Solutions LLC

Frontline: Incident Prevention Fundamentals

This presentation will cover the fundamentals of the Frontline Incident Prevention module. Incident Prevention outlines the components that should be included in an effective safety and health management system with an intense focus on hazard identification; risk tolerance; and hazard prevention and control. You have probably heard people say “work safe” or “be safe.” This course explains how to do that and empowers you to help lead incident prevention efforts in your organization.

YOU WILL LEARN:
• Discuss the components that should be included in an effective safety and health management system.
• Recognize and mitigate factors that influence risk tolerance such as normalization of deviance, assumptions, biases, habits, and mental strain.
• Identify existing and potential workplace hazards.
• Apply the hierarchy of controls to mitigate hazards to the fullest extent possible.

David McPeak, CUSP, Director of Professional Development, Incident Prevention Institute

How to Empower Your Workers to Proactively Address Hazards

Workers have “dealt with” hazards in their working environment for years. Frequently, they are recognized, thanked and promoted for “getting the job done in spite of the hazards.” This session will explore how managers and supervisors must facilitate a safety culture that empowers employees to stop work activities if/when they encounter hazards as well as how to address the hazards effectively and proactively.

YOU WILL LEARN:
• Why recognizing AND addressing hazards in the workplace prior to starting work is important.
• How supervisors can facilitate and encourage workers to identify and address hazards.
• Insight into training techniques that promote hazard recognition and resolution.

How the Digital Classroom Impacts Your Lineworker Training

With the advent of the digital age, there has been significant change in the way we ingest and store information. Unfortunately, a large majority of classroom and training yards in our industry continue to use the outdated model of one instructor lecturing to multiple students. How does this approach undermine your training efforts? This course examines how digital training can significantly increase your training efficiency and knowledge retention.

**YOU WILL LEARN:**
- How you assimilate information in various learning environments.
- Why online and distance learning is beneficial.
- Methods to close the gaps in your traditional training program and improve its efficiency.

Ryan Schenk, COSS, Sales Manager; Jerry Havens, COSS, Director of Member Services, T&D PowerSkills, LLC

Coaching/Correcting Performance Behaviors

Learn how to coach and correct your team member's performance behaviors with this fun, interactive session. Through role-plays, scenarios, walk-throughs and group discussion, you'll learn different methods for maintaining the success of your great employees and influencing your poor performing employees to improve.

**YOU WILL LEARN:**
- How to effectively manage employee issues.
- Why documentation is important.
- Ways to maintain trust during awkward or difficult conversations.
- About the importance of face-to-face time with your team.

Sam Holt, CUSP, CPM, OSHA, ASHI, Utility Training Analyst, City of Tallahassee

Changes in Arc Flash Standards: NFPA 70E, ASTM F18 and Other Groups Affecting Electrical Work

This session examines recent arc flash standard changes and the effect these have on companies' electrical safety programs and new standardization. Also included is a review of field accident investigations, with a focus on avoidable PPE & program failures. These incidents highlight the importance of a properly implemented arc flash safety compliance program.

**YOU WILL LEARN:**
- New arc flash standards in ASTM F18.
- NFPA 70E changes which affect arc.
- How PPE Performance Compliance requirements may affect PPE specifications.
- Why proper safety compliance program implementation helps companies avoid PPE & program failures.
- Field Audit and program audit requirements in OSHA 1910.269 and NFPA 70E.

Hugh Hoagland, Sr. Consultant, ArcWear

A Sports Medicine Approach to Utility Ergonomics

This insightful presentation will show you how to use a sports medicine approach for your organization's "working athletes" in a way that creates injury-preventing ergonomic processes. Through the use of data gathering, project management and body mechanics, you'll learn how to create a reduced injury rate at your organization.

**YOU WILL LEARN:**
- How a sports medicine approach will help improve the efficiency and effectiveness of your ergonomics program.
- The basics of an effective ergonomic assessment & data collection process.
- How to find incident-reducing success through team facilitation, goal setting, project management and solution identification.

Tony Kaczkowski, MHCA-MLS, LAT/ATC, CEES, President, InSite Health, LLC
Utility-Specific Safety Credentials
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