

CONSTRUCTION EXPO & Safety Conference 2018



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For more information about Safety Sessions visit BuildSafe.org or call CSC at 800-552-7744. For Exhibitor Information or Construction Expo Sponsor Opportunities visit ASACHicago.org or call 847-827-8336.

MONDAY, MARCH 5TH

8:00 a.m. - 12:00 p.m.

1A Workplace Violence/ Active Shooter

Greg Meyer, Rob Zima &
Vince DeDonatis-Old Republic
Contractors Insurance Group

2A Electrical Hazards in Construction

Paul Satti
Construction Safety Council

3A CHST Examination Prep

John Newquist
Newquist Safety

4A Recommended Skills and Capabilities for a Silica Competent Person

Don Garvey
3M Center

TUESDAY, MARCH 6TH

7:30 - 8:45 a.m.

1E Wait, What? Construction Safety Materials that Everyone Can Understand

Clayton Sinyai
CPWR
The Center for Construction
Research and Training

2E How to Survive an OSHA Inspection – Everything You Ever Wanted to Know, But Were Afraid to Ask

Nick Walters & Tom Bielema
Safety Controls Technology

3E Dropped Object Prevention for Construction – A Case Study

John Martell & John Tremblay
Snap-On

4E EDWIN S. REARICK CONSTRUCTION SAFETY FORUM:

Facilitated by: Jim Martineck,
Assistant Area Director, Chicago
South Area Office
Occupational Health and Safety
Administration (OSHA)

5E Silica – What to Do to Comply

CAGC Safety Committee

9:00 - 10:15 a.m.

1F Having a “Broken” Organization is Where it All Begins – Now, Let’s Move Forward to Improve Our Safety Performance

Lucas Finley
RUKCO

2F Workers’ Compensation Update & Simple Steps to Manage Investigations

Shawn Biery, Gene Keefe & John
Campbell
Keefe, Campbell, Biery &
Associates, LLC

3F The Top 10 Elements of a Successful Safety and Health Program

Nancy Mugavero
U.S. DOL – OSHA, Region V

4F EDWIN S. REARICK CONSTRUCTION SAFETY FORUM

Facilitated by: Jim Martineck,
Assistant Area Director, Chicago
South Area Office
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Administration (OSHA)

5F Turning Tradesmen into Safety Inspectors-The Process, Pitfalls and Benefits

Philip Casto, Matt Gilmore and
Jordan Wiseman
HUB International

10:30 - 11:45 a.m.

1G Significant Changes to the 2018 NFPA 70E

Wes Wheeler
NECA Director of Safety

2G OSHA Training Programs and Resources

Annette Braam, Assistant
Director, Training Programs,
Office of Training Programs and
Administration
James Brock-Program Coordinator
OTI Education Centers

3G Language and Cultural Barrier Solutions for the Workplace

Dan Ramir-Latino Worker Safety
Center
Layla Sarquis-Cubillo

4G EDWIN S. REARICK CONSTRUCTION SAFETY FORUM:

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South Area Office-Occupational
Health and Safety Administration
(OSHA)

5G Case Study: 75% Injury Reduction for Union Workers

John Groff
Safestart

1:30 - 2:45 p.m.

1H From Myth to Reality: How Aldridge Created an Incident and Injury- Free Culture: The Journey Continues

Gary Coleman, Aaron Giles &
Mark McKeon
Aldridge Electric

2H Construction Tool Safety: New Tools to Reduce Risk and Improve Safety

Raffi Elchemmas
Milwaukee Tool Corp.

3H Employer Responsibilities - What You Really Need to Know

Roger Paveza
Vista Safety Consulting

4H Becoming a Benchmark A Case Study in Safety Performance Transformation

Seth Bretscher
Caterpillar

5H Lockout /Tagout

John Kovalan & Mike Heintz
LP Management Services

SAFETY CONFERENCE

Drury Lane Conference Center - Oakbrook Terrace, IL - Monday & Tuesday, March 5-6

Safety Session Overview - Monday, March 5, 2018

7:00a.m - 8:00 a.m.

REGISTRATION & BREAKFAST

8:00a.m - 12:00 p.m.

1A Workplace Violence/Active Shooter

*Greg Meyer, Rob Zima & Vince DeDonatis
Old Republic Contractors Insurance Group*

Over 400 people are killed in acts of Workplace Violence each year in the United States. Does your organization have a program in place to prevent incidents and casualties? What would you do when faced with a violent worker or active shooter? This training dives into the statistics behind workplace violence and provides an outline to assist you in the development of a program designed to help identify potentially violent situations and decrease potential casualties. This Workplace Violence session is unlike any you have ever attended, as it is specific to the CONSTRUCTION industry. The session will allow for discussions on Planning, Response, Identifying, Acting, and Best Practices for the construction industry.

2A Electrical Hazards in Construction

*Paul Satti
Construction Safety Council*

The purpose of this course is to prepare an employee (construction/maintenance) worker to comply with the requirements of general construction safety and the NFPA 70E Electrical Safety for Electrical Workers. Learning objectives include the understanding of OSHA Subpart K and Subpart S (Electrical Safety Requirements) and how to use the NFPA 70E Standard to properly determine the level of hazard involved and the necessary personal protective equipment as prescribed by the NFPA 70E. Participants will gain knowledge of lock out tag out programs, energized work permits and the selection, use and inspection of personal protective equipment. The course utilizes lecture, video and workshops to enhance the learning experience.

3A CHST Examination Prep

*John Newquist
Newquist Safety*

Are you thinking of taking the Construction Health and Safety Technician or CHST examination? This is a certification awarded to safety practitioners who demonstrate competency and work part-time or full-time in health and safety activities devoted to the prevention of construction illness and injuries. This short preparation class offers insight to taking the exam, John Newquist's unique study guide and tips to pass this tough examination. In the last year several students have passed the test on their first attempt after taking Mr. Newquist's class.

4A Recommended Skills and Capabilities for a Silica Competent Person

*Don Garvey
3M Center*

The new OSHA Silica in Construction regulation requires a silica competent person. This person will be critical to help account for the variability inherent in construction sites, and especially for the proper implementation of Table This presentation will explain and discuss:

- What a competent person is: their roles and responsibilities
- What a silica competent person is and their specific tasks under the new regulation
- Suggested knowledge and capabilities for a silica competent person and when a qualified person should be brought in to support them



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Safety Session Overview - Tuesday, March 6, 2018

7:30-8:45 a.m.

1E **Wait, What? Construction Safety Materials that Everyone Can Understand**

Clayton Sinyai
CPWR
The Center for Construction Research and Training

Are your construction safety and health handouts and training materials getting the point across to your readers? CPWR – The Center for Construction Research and Training has used lessons from health communications experts to review more than 100 handouts, brochures and pamphlets used in construction safety and health training around the country to identify good and bad practices – and tested these with hundreds of construction apprentices and journeymen. CPWR Communications Research Manager Clayton Sinyai will present the results of the study, then share tips you can use to select the right materials for YOUR audience – or to prepare your own.

2E **How to Survive an OSHA Inspection – Everything You Ever Wanted to Know, But Were Afraid to Ask**

Nick Walters & Tom Bielema
Safety Controls Technology

Former OSHA leaders and a leading labor lawyer will cover how the agency works, its authority and limits, how OSHA inspections are triggered and conducted, citations and the contest/appeal process. In short, this session will provide a soup-to-nuts overview of what you need to know to deal with an OSHA issue when it arises. Based on years of experience, here are the top ten questions that employers have related to OSHA inspections.

- Why did OSHA pick my company for an inspection?
- Can I ask for a copy of the OSHA complaint?
- Can I ask OSHA to get a warrant?
- What documents am I required

- 2E cont.
- to provide to the Compliance Officer?
 - Can I limit the scope of the inspection?
 - How does OSHA decide whether or not I get a citation and what the penalty amount will be?
 - Does OSHA have a quota system?
 - What are my options after I receive a citation?
 - Should I schedule an informal conference and what should I expect when I go to the OSHA office?
 - What is OSHA's approach to settlement and litigation of citations?

3E **Dropped Object Prevention for Construction – A Case Study**

John Martell & John Tremblay
Snap-On

This case study presents best practices in drop prevention on construction sites. Safety is paramount...and so is productivity. It is possible to have both. We will discuss methods to help your craft achieve real safety while maximizing productivity.

4E **EDWIN S. REARICK CONSTRUCTION SAFETY FORUM**

Facilitated by: Jim Martineck, Assistant Area Director, Chicago South Area Office Occupational Health and Safety Administration (OSHA)

Always very popular, this forum presents a selection of real-life unique or eventful OSHA construction case studies from across the country. This is a great opportunity to gain valuable abatement methodologies and lessons learned and to ask questions to those OSHA officials directly involved with the case studies. Edwin S. Rearick, Jr. was a compliance officer for over 20 years with OSHA's Calumet City Area Office. "Eddie," as most people knew him, was a staunch supporter and advocate for worker safety and health, and worked closely with the Construction Safety Council. This Forum is dedicated to his memory.

SAFETY CONFERENCE

Drury Lane Conference Center - Oakbrook Terrace, IL - Monday & Tuesday, March 5-6

Safety Session Overview - Tuesday, March 6, 2018

7:30-8:45 a.m. Cont.

5E **Silica - What to do to Comply**

CAGC Safety Committee

Our training will provide the foundation for building a successful program and ensuring compliance with the regulation. Specifically we will review the new standard and the current enforcement guidelines, identify common tasks with silica exposure, explore OSHA's Table 1, discuss effective control measures, and review some successes and challenges of engineering controls and dust collection/suppression systems. Make sure you attend this session and see how this new regulation will affect you.

9:00-10:15 a.m.

1F **Having a "Broken" Organization is Where it All Begins - Now, Let's Move Forward to Improve Our Safety Performance**

*Lucas Finley
RUKCO*

Participants will be taken on journey to understand key categories of true organizational safety culture and will explore the major 'broken' cultural factors involved in industrial incidents of the last 20+ years. The 'broken' factors identified are common challenges facing many. Turning 'broken' factors into strengths will be evaluated with practical approaches toward organizational growth and evolution. This roadmap toward improvement will assist participants throughout their own journey.

2F **Workers' Compensation Update & Simple Steps to Manage Investigations:**

*Shawn Biery, Gene Keefe & John Campbell
Keefe, Campbell, Biery & Associates, LLC*

Veteran workers compensation defense attorneys will cover any relevant recent case law updates as well as hints & tips which will

2F cont be helpful for anyone who deals directly or peripherally with workers' compensation claims. Examples of prior successful claim management techniques and the impact of failed strategies will be discussed. Questions will be entertained throughout to drive the discussion toward specific avenues of interest from the audience. As applicable, they will provide highlights regarding HIPAA compliance, managing injured workers to effectively move toward closing claims and day-to-day injured worker management.

3F **The Top 10 Elements of a Successful Safety and Health Program**

*Nancy Mugavero
U.S. DOL - OSHA, Region V*

The presentation is conducted like Late Night with David Letterman's Top 10 List. It will be entertaining and informative regarding the elements that make up a successful safety and health program incorporating the four topics of OSHA's Voluntary Protection Program. The presentation will cover the requirements needed for a company to have a working/living safety and health management system, that will help insure compliance with OSHA regulations and create a culture of safety. An active safety culture has been found to reduce injury and illness rates which in turn lowers workman compensation costs, it lowers absenteeism and turn over while boosting morale and productivity.

4F **EDWIN S. REARICK
CONSTRUCTION SAFETY FORUM:**

*Facilitated by: Jim Martineck, Assistant Area Director,
Chicago South Area Office
Occupational Health and Safety Administration
(OSHA)*

Always very popular, this forum presents a selection of real-life unique or eventful OSHA construction case studies from across Region V. This is a great opportunity to gain valuable abatement methodologies and lessons learned and to ask questions to those OSHA officials directly involved with the case studies. March is Ladder Safety Month: Every step matters: From step stools to extension ladders, make sure you're

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Safety Session Overview - Tuesday, March 6, 2018

9:00-10:15 a.m. Cont.

4F cont. putting the right foot forward. New to this year's forum, we will cover safe use of ladders as a result of an increasing number of severe injuries, over 245 reported; requirements of the new silica regulation in construction; hazards of using job made boxes; proper daily inspections of Hydro Mobile scaffolding; hazards of isocyanates used in roofing and spray foam applications; hazards relating to inadequate personal fall protection anchorage points; trench collapse and residential foundation excavations. This is a great opportunity for contractors and industry professionals to learn about ladder safety, proper inspections, issues with the use of job made boxes, health effects of isocyanates and the most effective hazard control techniques, administrative measures and abatement methods. Edwin S. Rearick, Jr. was a compliance officer for over 20 years with OSHA's Calumet City Area Office. "Eddie," as most people knew him, was a staunch supporter and advocate for worker safety and health, and worked closely with the Construction Safety Council. This Forum is dedicated to his memory.

5F **Turning Tradesmen into Safety Inspectors- The Process, Pitfalls and Benefits**

*Philip Casto, Matt Gilmore and Jordan Wiseman
HUB International*

This presentation will provide attendees with an outline that can be used to develop a craftsman/craftswoman into an onsite safety inspector. Many companies look to outside resources and full time safety inspectors with degrees in safety. However, many site safety functions can be accomplished by tradesman, former tradesmen, and site management employees. When a contractor takes an employee who has performed the job and inserts them into a new role, they'll need a process to manage the changing expectations.

The Process: Selecting the right employee; Educating the employee; Empowering the employee

The Pitfalls: Uncertainty; Lack of reinforcement; Lack of accountability

The Benefits: "Connected" safety; Cultural safety improvements

10:30-11:45 a.m.

1G **Significant Changes to the 2018 NFPA 70E**

*Wes Wheeler
NECA Director of Safety*

The 2018 NFPA 70E has been released and this presentation will review the important changes related to electrical safety in the workplace. From Electrical Safety Programs, Risk Assessment updates and clarity on Personal Protective Equipment selection, this program will assist electrical safety managers in implementing the requirements found in the 2018 NFPA 70E, The Standard for Electrical Safety in the Workplace.

2G **OSHA Training Programs and Resources**

*Annette Braam, Assistant Director, Training Programs, Office of Training Programs and Administration
James Brock-Program Coordinator OTI Education Centers*

This presentation will cover OSHA training programs and resources designed for the general public, specifically the OSHA Training Institute (OTI) Education Centers Program, the Outreach Training Program, and the Susan Harwood Training Grants Program.

The programs include a wide selection of training programs, courses, and materials to help broaden worker and employer knowledge on the recognition, avoidance, and prevention of safety and health hazards in their workplaces in support of the Occupational Safety and Health Act. At the end of the presentation, the participant will be able to:

- Understand the role that training, education, and outreach play in the OSHA mission
- Identify OSHA training programs intended for the general public
- Utilize the OSHA website to access training program information, materials, and resources

SAFETY CONFERENCE

Drury Lane Conference Center - Oakbrook Terrace, IL - Monday & Tuesday, March 5-6

Safety Session Overview - Tuesday, March 6, 2018

10:30-11:45 a.m. Continued

3G **Language and Cultural Barrier Solutions for the Workplace**

*Dan Ramir-Latino Worker Safety Center
Layla Sarquis-Cubillo*

Clear communication within a diverse workforce is commonly affected by language and cultural barriers – supervisors and employees keep getting “lost in translation” resulting in risk-taking, a higher rate of work related accidents, and a non-optimal organizational climate. Fortunately there is a way to solve this – join us to understand how to manage cultural differences and how to communicate using multicultural assertiveness.

4G **EDWIN S. REARICK CONSTRUCTION SAFETY FORUM**

Facilitated by: Jim Martineck, Assistant Area Director, Chicago South Area Office Occupational Health and Safety Administration (OSHA)

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10:30-11:45 Continued

Case Study: 75% Injury Reduction for Union Workers

*John Groff
Safestart*

Faced with diminishing returns in injury reductions through traditional workplace safety management systems, senior leadership at C.R. Meyer adopted an innovative Human Factors approach to improving personal safety skills within their own workforce and saw dramatic results. Wanting their unionized contract labor force to share in the benefits they had seen in their own personnel, the company then reached out to The United Brotherhood of Carpenters and Joiners of America (UBC) to conduct a pilot training project involving over 1000 UBC members. The results were impressive – a 75% reduction in the Total Recordable Injury Rate (TRIR) of the test group versus workers not trained in the personal safety skills concepts and techniques.

1:30-2:45 p.m.

1H **From Myth to Reality: How Aldridge Created an Incident and Injury-Free Culture: The Journey Continues**

*Gary Coleman, Aaron Giles & Mark McKeon
Aldridge Electric*

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 in its journey to take its safety and health program good to great.

YOU WILL LEARN:

- Insight into the process of cultural change.
- Why relationships are foundational to a strong safety culture

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Safety Session Overview - Tuesday, March 6, 2018

1:30-2:45 p.m. Continued

1H cont • The importance of valuing people over numbers and statistics

2H **Construction Tool Safety: New Tools to Reduce Risk and Improve Safety**

*Raffi Elchemmas
Milwaukee Tool Corp.*

This presentation will showcase the design attributes of safety into commonly used tools in the construction industry, and provide an understanding of how measuring sound, vibration, muscle effort and force can improve a tools' safety score. We will also demonstrate a field version of measuring sound and vibration, as well as muscle effort and force and showcase what injuries these improvements help to reduce. We will have hands on availability to compare tools, discuss our OneKey technology, and introduce our OSHA compliant dust extraction.

3H **Employer Responsibilities: What You Really Need to Know**

*Roger Paveza
Vista Safety Consulting*

Attendees will come away with a comprehensive understanding of what's expected from OSHA on the jobsite and in the office.

4H **Becoming a Benchmark: A Case Study in Safety Performance Transformation**

*Seth Bretscher
Caterpillar*

The journey to safety culture excellence is long and fraught with challenges (most of which are individual people). But resistances to change and the difficulties people have adjusting their beliefs and behaviors are normal, natural and to be expected. That's because sustainable culture change involves shifting organizational norms that have been established and reinforced over time.

1:30-2:45 p.m. Continued

5H **Lockout /Tagout**

*John Kovalan & Mike Heintz
LP Management Services*

The presenter has developed over 5,000 site specific lock out tag out procedures. Presentation will discuss exceptions for cord and plug, minor routine operations that utilize alternative protective measures. Presentation will review the requirements of OSHA 1910.147 and the group requirements for lock out tagout. Requirements of a written lock out tag procedure will include: equipment shutdown, magnitudes of energy being isolated, operation of devices, application of locks and tags, dissipation of stored energy, verification of zero energy state. Utilization of personal protective equipment during verification of zero energy state will be included.



SAFETY SESSION REGISTRATION

Register on-line at www.buildsafe.org or fax: 708-449-8604 (Construction Safety Council) or email to promero@buildsafe.org

First Name: _____ Last Name: _____ Company: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

Session Options: Select one session choice for each time slot.

MONDAY 3.5.2018

8:00 a.m. - 12 p.m.

- 1A Workplace Violence/Active Shooter
- 2A Electrical Hazards in Construction
- 3A CHST Examination Prep
- 4A Recommended Skills and Capabilities for a Silica Competent Person

TUESDAY 3.6.2018

7:30 a.m. - 8:45 a.m.

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- 2E How to Survive an OSHA Inspection – Everything you Ever Wanted to Know, But were Afraid to Ask
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- 3F The Top 10 Elements of a Successful Safety and Health Program

TUESDAY 3.6.2018

9:00 a.m. - 10:15 a.m. (Continued)

- 4F EDWIN REARICK CONSTRUCTION SAFETY FORUM
- 5F Turning Tradesmen into Safety Inspectors-The Process, Pitfalls and Benefits

10:30 a.m. - 11:45 a.m.

- 1G Significant Changes to the 2018 NFPA 70E
- 2G OSHA Training Programs and Resources
- 3G Language and Cultural Barrier Solutions for the Workplace
- 4G EDWIN REARICK CONSTRUCTION SAFETY FORUM
- 5G CASE STUDY: 75% Injury Reduction for Union Workers

1:30 a.m. - 2:45 p.m.

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- 2H Construction Tool Safety: New Tools to Reduce Risk and Improve Safety
- 3H Employer Responsibilities: What You Really Need to Know
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- 5H Lockout / Tagout

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Pricing: BOTH DAYS - All Sessions + Expo: \$259

Monday Safety Sessions: \$129

Tuesday Safety Sessions + Expo: \$229

(Includes breakfast + lunch)

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OSHA Roster for the Edwin S. Rearick Forum

Tuesday, March 6 - Sessions 4E, 4F, 4G

Presenter	Area Office	TIME SLOT	Topic / Presentation Title
Session One - 4E			
Ryan Beatty	Chicago South	7:30am - 7:50am	Improper Anchorage PFAS Residential Roofing
Mike Taylor	Chicago South	7:50am - 8:10am	Unapproved Job Made Boxes Fatalities
Joel Nyenhuis	Madison	8:10am - 8:30am	Unsafe Residential Foundation Excavation Multi-Employer Worksite
Adam Fries	Cleveland	8:30am - 8:45 am	One Minute is Too Many to Enter an Unprotected Trench
Session Two - 4F			
Tony Stephens	Chicago South	9:00am - 9:30am	Ladder Safety and Training March is Ladder Safety Month
Craig Zudonyi	Milwaukee	9:30am - 10:15am	Fatal Falls happen from All Ladders - Step, Extension, Fixed
Session Three - 4G			
Scott Duke	Milwaukee	10:30am - 10:50am	Proper Daily Inspections Hydro Mobile Operations
David Novak	Chicago North	10:50am - 11:10am	Isocyanate Hazards Roofing and Spray Foam Operations
Brad Becker	Chicago Regional	11:10am - 11:30am	New Silica Standard Construction
Bogdan Catalin	Chicago Regional	11:30 am - 11:45 am	New Silica Standard Construction