



SOLUTIONS IN CONSTRUCTION SAFETY

**Solutions in Construction Safety
Symposium
November 20-21, 2008
Scottsdale, AZ**



AMERICAN SOCIETY OF SAFETY ENGINEERS

SOLUTIONS IN CONSTRUCTION SAFETY

Register today at
www.asse.org or
call 847.699.2929

Highlights

Avoiding deaths and injuries related to cranes, falls, electrical accidents and substance abuse in the workplace are just some of the challenges you face each day on a project site. Join your peers in Scottsdale to learn the most effective practices and solutions from recognized experts and leaders in construction safety.

- Keynote speaker, T. Shane Bush, will present you with a new way of thinking about leadership for more effective construction safety
- Special presentation speaker, Jay Greenspan will share his insight on how to create a breakthrough in construction safety by establishing an injury-free culture
- A panel presentation on the safety challenges and triumphs of grand-scale construction projects – panel members representing three large projects (bridge, stadium and a hospitality unit) will share their experiences
- Participate in over 20 general and concurrent sessions on new ideas and proven practices that respond to the safety issues
- Interact with peers in issue-focused roundtables to develop answers to some of your most perplexing questions
- Attend a mini-expo to learn the latest information about construction safety products and services

Learning Outcomes

This symposium will focus on providing approaches and solutions to the most challenging issues faced by the professional in construction safety. You will be able to:

- Enhance your effectiveness as a leader in the management of safety and health hazards in construction
- Identify resources to assist you in assembling a qualified safety team for a construction project
- Implement solutions to reduce the most frequently occurring accidents related to falls, cranes and confined spaces
- Use leading indicators to measure safety performance and as a predictive tool to identify areas where a potential injury may occur
- Increase knowledge of Industrial Hygiene, Security, Risk Management and other safety-associated fields to better manage risks on construction projects

Keynote Presentation

Right Brain Leadership for the Future of Construction Safety

The future belongs to a different kind of person with a different kind of mind: right-brained thinkers whose abilities mark the fault line between who gets ahead and who doesn't. Theory has it that our brain has two hemispheres, commonly called the right brain and the left brain, which think in different ways. Our right brain is more intuitive; our left brain is analytical and sequential. Daniel Pink, author of *A Whole New Mind* predicts that right-brained organizations will rule the world in the future. Right-brain thinkers have a more powerful influence in their organizations, greater professional success and personal fulfillment. Join us for this presentation to learn how this thinking will also have a significant impact specific to leadership in construction safety.

T. Shane Bush, CPT

President
BushCo, Inc.
Idaho Falls, ID

Panel Presentation

Big Projects, Big Challenges

Leaders with responsibility for the safety and health efforts on large construction projects will discuss the challenges that they have encountered and the solutions they have employed. Join us to gain insight from leaders on bridge, stadium and large hospitality projects and also the perspective of loss control authorities.

General Session

Create a Breakthrough in Your Construction Safety Performance

On nearly every major construction site today, injuries and fatalities often occur in safe conditions. Someone was trained, had the right equipment, and yet did something that resulted in an injury. This isn't the way it always has to be on a construction site and you can be the impetus for that safety breakthrough that your organization has been looking for.

Jay Greenspan, Founder and Chairman of JMJ Associates, LLP will speak directly to the challenges and solutions associated in creating a breakthrough in construction project safety. Mr. Greenspan will review the evolution of safety in the construction industry, the attributes of projects with incident and injury-free workplace cultures and the missing cultural pieces common to projects where accidents and injuries are occurring. In his presentation, Mr. Greenspan will alter the way you view your construction projects so that you will take away the actions that will enable you to predictably produce breakthrough safety performance.

Jay Greenspan

JMJ Associates, LLP
Austin, TX

Roundtables

"Share the Solutions"

This is a unique opportunity to share information with attendees about issues specific to construction safety. In this interactive session, you will participate in a roundtable discussion with your peers. An issue will be assigned to each roundtable and a content expert will facilitate the group's solutions to this challenge. You can select the topic most relevant to your current project. A summary of each group's solutions will be posted on the ASSE web site, www.asse.org after the symposium.

Schedule

THURSDAY, NOVEMBER 20, 2008

8:00-8:15 AM

Opening Remarks

8:15-9:15 AM

Keynote Presentation

Right Brain Leadership for the Future of Construction Safety

T. Shane Bush, CPT

9:15-9:45 AM

Break

9:45-10:45 AM

Concurrent Sessions Round I

1. Leading Indicators to Measure Safety Performance at a Job Site: It Really Makes a Difference
 2. Crane Safety: Platitudes or Practices?
 3. REFYour ISLs (Recognize, Engage and Foster Your Informal Safety Leaders)
 4. Quick Hazard Recognition Techniques to Use in the Field – and They Work Too!
 5. Rescue After a Fall
-

10:55-11:55 AM

Concurrent Sessions Repeat Round I

12:00-1:00 PM

Luncheon

1:00-2:00 PM

Panel Presentation

Big Project, Big Challenges

2:10-3:10 PM

Concurrent Sessions Round II

6. The Organizational Scorecard and Performance Management
 7. Preventing Strains/Sprains and Slips/Trips/Falls in the Construction Industry
 8. On the Yellow Brick Road of Litigation, Avoid the Potholes
 9. VPP and VPPAC: Excellence in Construction Safety in Your Organization
 10. Overcome The Five Fatal Flaws Blocking Effective Near- Miss Reporting
-

3:10-3:30 PM

Break

3:30-4:30 PM

Concurrent Sessions Repeat Round II

4:30 PM Adjourn

4:30-5:30 PM Reception

FRIDAY, NOVEMBER 21, 2008

8:00-8:15 AM

Recap/Overview

8:15-9:15 AM

General Session

Create a Breakthrough in Your Construction Safety Performance

Jay Greenspan

9:15-9:45 AM

Break

9:45-10:45 AM

Concurrent Sessions Round III

11. Environmental/Industrial Hygiene Issues on Construction Sites
 12. The Minneapolis Bridge Collapse: A Lesson in Successful Crisis Planning
 13. The Issues and Control of Substance Abuse at a Construction Job Site
 14. Leadership Insight for the Construction Industry
 15. Lessons Learned in Fall Protection: A Personal Experience
-

10:55-11:55 AM

Concurrent Sessions Repeat Round III

12:00-1:00 PM

Luncheon

1:00-2:00 PM Roundtables

Share the Solutions

2:10-3:10 PM

Concurrent Sessions Round IV

16. Template for a World-Class Safety Program
 17. Know the Hazards of Electricity on Construction Projects: It May Be a Shock!
 18. Protection of the Public Adjacent to the Construction Site
-

3:10-3:30 PM

Break

3:30-4:30 PM

Concurrent Sessions Repeat Round IV

4:30 PM Adjourn

Concurrent Sessions

1. Leading Indicators to Measure Safety Performance at a Job Site: It Really Makes a Difference

Measuring safety performance tells you what is working, what needs to be changed and how to make better decisions about managing safety on your job site. Performance measurement is a given action as a safety professional, but the success you achieve in being proactive in your role will be dependent upon the extent to which you are able to identify and capture the most valuable data – leading indicators. In construction safety, there are specific leading indicators that are a product of the unique workforce and environment on a job site. In this session, you will learn how construction companies of all sizes use leading indicators to provide them with the proactive data that really makes a difference in their safety performance.

Dan O'Brien, CSP

Zachry Construction Corporation
San Antonio, TX

2. Crane Safety – Platitudes or Practices?

On the first day at any job, we train and warn our workforce about the hazards associated with the use of cranes. Our communications typically include these messages “Don’t go under a suspended load,” “Never overload a crane or rigging gear,” “Don’t use equipment unless you have inspected it” and “If you are unsure about a lifting operation, ask your supervisor.” While all of these statements are valid, they are often just platitudes that do not reflect the practices seen in the field. We need our communication to reflect the reality. In this session, you will learn the communication that best addresses crane practices in the field. You will also take away benchmarks to critically evaluate and inspect your lifting operation safety; a listing of current crane safety resources that support lifting program enhancements; and a summary of impending changes in lifting regulations and standards.

Bradley Closson

CRAFT Forensic Services
Bonita, California

3. REF Your ISLs (Recognize, Engage and Foster Your Informal Safety Leaders)

Who is really leading your construction site? The startling truth is that there is a core group of people, mostly rank and file employees, within your organization and on your work site who are leaders. These leaders have great influence over the actions (safe versus at-risk) and attitudes of those around them. In most cases we do not have a strategy to plug into the great power and influence these leaders have over others – until now. In this session, you will learn how to articulate your safety goals to this core group of people who can really lead the site to safety success. You will take away the details and importance of a means to Recognize, Engage and Foster your Informal Safety Leaders.

Matthew A. Forck, CSP, JLW

K-Crof Industries, LLC
Columbia, MO

4. Quick Hazard Recognition Techniques to Use in the Field – and They Work Too!

We can all develop a list of hazard recognition techniques such as Job Hazard Analysis, Pre Task Safety Analysis, Root Cause Analysis, Management of Change, Blueprint Reviews, Behavioral Observations, Permitting, SHE Reviews and more. We need these techniques, but there must also be several easy-to-use, practical techniques for the construction worker in the field. In this session, you will learn and practice the quick and easy way to implement techniques including: Last Minute Safety Check, Out-of-Plain-View Audits, Equipment Inspections, The Ten-Second Drill, and What-If Analysis, that are useful on construction sites.

David F. Coble, MS, CSP

Coble, Taylor & Jones Safety Associates
Cary, NC

5. Rescue After a Fall

Falls from a height continue to be one of the construction industry's greatest nemeses. Some contend that regulatory approaches don't always address real-world problems, and that the impracticality of typical fall arrest systems makes them impractical for field use. Nevertheless, organizations that employ workers at heights have an obligation to provide fall protection and to effectively prepare for rescue in the event that a worker becomes incapacitated. The complexity and environmental uniqueness of high-angle incidents makes planning for these emergencies difficult at best. Appropriate preparation requires forethought, planning, and ongoing training to predetermine levels of capability. In this presentation, you will learn how to develop appropriate plans that establish clear roles and responsibilities and maintain a ready state for fall and rescue emergencies.

Loui McCurley

Technical Rescue Specialist
Wheat Ridge, Colorado

6. The Organizational Scorecard and Performance Management

Traditionally, construction projects as well as the organization as a whole have been managed with a focus on financial results. While the project must keep the budget and schedule in mind, the organization's bottom line is impacted by the effectiveness of safety management. This requires having the ability to align safety with operation and business goals. In this session you will learn the applications for the organizational scorecard to influence the performance of safety at a construction site, align safety with your organization's business objectives and create a measurement system that will enhance communication with your senior management.

Peter G. Furst, MBA, CSP, ARM, REA

Liberty Mutual Group
Pleasanton, CA

7. Preventing Strains/Sprains and Slips/Trips/Falls in the Construction Industry

Soft-tissue injuries and slips, trips and falls are continuing problems in the construction industry. Traditional strategies have helped to a point. While environmental controls and targeted policies/procedures form an important foundation, it's necessary to go beyond just these to attain higher-level performance. Experience has shown building next-level safety requires engaging workers to make the most effective personal decisions and individually act with optimum safety - while being highly productive at the same time. In this interactive session, you will learn leadership strategies for motivating safer behaviors among construction workers. You will take back to your work site knowledge of the critical mental and physical skills these workers need to exercise for the prevention of soft tissue injuries and slips, trips and falls.

Robert Pater, MA

Strategic Safety Associates
Portland, OR

8. On the Yellow Brick Road of Litigation, Avoid the Potholes

The litigation trap has sprung, and you've been caught! What can you expect and how will your involvement impact your professional and personal future? In this session, you will follow down the treacherous path of safety and health litigation related to construction and by illustration and example of past mistakes, learn preventive actions for the future. Your day in deposition or court may be sooner than you expect, because as a safety and health expert, you probably know where all the skeletons are buried!

Kenneth S. Cohen, PhD (Ret.)

Consulting Health Services
El Cajon, CA

9. VPP and VPPAC: Excellence in Construction Safety in Your Organization

Statistical evidence for OSHA's Voluntary Protection Program (VPP)'s success is impressive. The average VPP worksite has a Days Away Restricted or Transferred (DART) case rate of 52% below the average for its industry. These sites typically do not start out with such low rates. Reductions in injuries and illnesses begin when the site commits to the VPP approach to safety and health management and the challenging VPP application process. Join us for this session to learn more about the benefits of your organization becoming a member of VPP. You will also learn about the Voluntary Protection Program Association for Construction (VPPAC), a forum that recognizes, promotes and serves entities throughout the construction industry that strives to achieve or support excellence in safety and health matters.

Michael W. Hayslip, Esq., P.E, CSP

VPPAC
Dayton, OH

10. Overcome The Five Fatal Flaws Blocking Effective Near-Miss Reporting

We all know the value of near-miss reporting data and the insight it gives us to determine where we are exposed to loss on our construction sites. We do our best to record details, track data, and even deploy expensive data management software systems, but are not able to achieve the results we need. It's not the process that is inhibiting reporting, problem resolution, and trend tracking. Join us for this session and find out what the barriers are to your near-miss reporting success and how to overcome these challenges.

Todd Britten, MS

CoreMedia
Portland, Ore

11. Environmental / Industrial Hygiene Issues on Construction Sites

Learn the most current status of environmental and industrial hygiene issues in construction. Topics will include: pre-qualifying and selecting an IH/environmental professional along with updates on asbestos, lead/lead-paint, hexavalent chromium, silica, noise, and heat stress. You will also find out what is new in resources available to assist you in managing the industrial hygiene component of your responsibility on a construction site.

Jeffery C. Camplin, CSP, CPEA, REP

Camplin Environmental Services, Inc.
Rosemont, IL

12. The Minneapolis Bridge Collapse: A Lesson in Successful Crisis Planning

It is not a matter of if, but more precisely when a crisis will occur on any construction project. When the I-35W Bridge collapsed on August 1, 2007 in Minneapolis a pre-planned Crisis Management Plan was implemented. In this session, you will learn how to use a crisis management plan to maximize management of a disaster and start the recovery efforts. You will also learn the elements of crisis management planning, including how to communicate with and control the media and enforcement officials.

Garry Kroft, CSP, MS

S&N Consulting, Ltd.
Maple Grove, MN

13. The Issues and Control of Substance Abuse at a Construction Job Site

Substance abuse is a serious topic in any industry. However, at a construction job site, there are many unique challenges that make the control of this difficult problem even more perplexing. You need to know what type and method of drug testing is most appropriate for your job site; what actions to take during the implementation phase of a new drug testing program; and how to implement a reasonable suspicion drug and alcohol-testing program. In this session, you will learn the three P's, Policy, Procedure and Personnel to train in order to respond to these challenges.

Carl Moses, MBA

Pembroke Occupational Health
Richmond, Virginia

14. Leadership Insight for the Construction Industry

Organizing the safety leadership of your construction project is a challenge, as it typically involves different trades with competing interests, egos and personalities. To optimize safety leadership on your project, all groups need to be calibrated to achieve the best results. Designated and empowered persons with the requisite ability to lead need to be identified and empowered. These members of your organization should be skillful in leadership techniques such as the use of the powerful group dynamic of your labor force to achieve performance goals. In this session, you will learn how to make these critical actions happen and take away insight for leadership development at all levels of the project.

John J. Meola, CSP, ARM

VMS Inc.
Richmond, VA

15. Lessons Learned in Fall Protection: A Personal Experience

As a union carpenter by trade, I worked on high-rise construction sites and practiced loss control with fall protection equipment and procedure. My approach to fall protection seemed effective until the day that I took a 30-foot fall. I was injured, but I was grateful to survive and now feel a commitment to communicating information about fall protection in the construction industry. After my own experience, I learned many approaches to fall protection that I will share with you in this session.

William Goodyear, Jr.

Goodyear Builders
Gilbert, AZ

16. Template for a World-Class Safety Program

This session will take you on a visual journey of a three-year effort to transform the safety program of a mid-size construction company to a world-class performance level. Learn what it took to become a leader in safety including the tools, training, and metrics and transform an Experience Modification Rate (EMR) of 1.19 to an EMR of .72. You will take back to your workplace many ideas from the approaches used to come from the back of the pack to being a leader in safety.

John Lanigan, CHST, OHST

Corman Construction
Annapolis Junction, MD

17. Know the Hazards of Electricity on Construction Projects: It May Be a Shock!

The three main hazards of electricity: electrical shock; electrical arc-flash; and electrical arc-blast and the physiological effects on the human body must be understood by everyone working on or near electrical circuits and equipment. The physics of electricity are the same for everyone. However, the safety practices to avoid electricity-related injury could differ on a multi-employer worksite. Please join in on this session to learn the latest information on electrical hazards, specific approach distances, and protective measures for those hazards that are applicable to construction sites.

Dennis K. Neitzel, CPE

AVO Training Institute, Inc.
Dallas, TX

18. Protection of the Public Adjacent to the Construction Site

Your responsibility as a safety professional reaches beyond the workforce at your project site. You also have to consider the safety of the general public when there are risks associated with construction underway in the vicinity of public pathways. In this session, you will learn the best loss control management practices to keep the public safe around various construction sites including: residential, hospital, civil roadways, light railway, high risk urban areas, educational institutions, commercial retail and recreational theme park construction. Discussion will focus on both legal and technical issues of general public protection plans, emergency response plans and engineering controls.

Donovan Jackson, CSP, CHMM

Willis Risk and Insurance Services of Los Angeles
Los Angeles, CA

Construction Safety Management and Engineering ***Darryl C. Hill, CSP, Editor***

This comprehensive resource, written by 37 leading experts provides safety professionals with best practices, legal and regulatory requirements and real-world guidance on technical issues. Over 2300 copies have already been sold — get yours today! Visit www.asse.org or call our customer service department at **847.699.2929**

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Construction Safety Mini-Expo

A Mini-Expo of construction safety products and services will be a feature of the symposium. To be an exhibitor, contact Charlyn Haguewood at 847.768.3429.

Symposium Task Force

Chairperson

David B. Korman, CSP

EHS Director

Skanska USA Building Inc
Parsippany, NJ

Kimlee Lindgren

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San Diego, CA

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Manager, Education and Program
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Education Program Coordinator

Cindy Milner-Kornfeld, CMP

Conferences and Meetings
Coordinator

Construction Health and Safety Technician (CHST) Certification Preparation Workshop – November 17-19, 2008

The three-day preparation workshop for the CHST examination will be offered prior to the symposium. This seminar will be delivered at the symposium hotel, the Chaparral Suites Resort, Scottsdale, AZ. For more information on the content of this workshop, please visit the ASSE website and also visit the CCHST website at www.cchest.org for information on eligibility for the CHST certification.

Other Educational Opportunities

ASSE will be offering the Math Review seminar, the ASP, CSP and the Corporate Safety Management seminar prior to the symposium. These seminars are scheduled November 16-19, 2008 at the Chaparral Suites Resort, Scottsdale, AZ. For more information, please call ASSE Customer Service at 847-699-2929 or visit our web site at www.asse.org.

Corporate Prime Time

This is a special program for companies wishing to have a tailored private education program for their employees before or after the symposium. Companies bringing 10 or more employees to the symposium will receive discounted registration fees when they also contract for a private seminar under the Corporate Prime Time program. Please contact Charlyn Haguewood at 847-768-3429 for more information.

Hotel Accommodations

Chaparral Suites Resort Scottsdale
5001 N. Scottsdale Rd.
Scottsdale, AZ 85250
Phone: (480) 949-1414
Reservations: (800) 528-1456
Rate: \$149 single/double + tax
Rate valid through October 14, 2008

To receive the group rate, please identify yourself as an American Society of Safety Engineers or ASSE attendee. The hotel reservation deadline is October 14, 2008. **Please reserve your room early as hotel rooms at the published rate may sell out before the October 14th deadline.** After that date, the hotel may charge a higher rate or be sold out.

Car Rental Discounts

AVIS is the official car rental company for ASSE in Scottsdale. To reserve an AVIS car, please call (800) 331-1600 and refer to (AWD) number A835799.

Physically Challenged

Whenever possible, arrangements will be made for physically challenged registrants provided ASSE receives 45 days advance notice. Please write a letter of explanation, your name and phone number, and attach to the registration form. ASSE will contact you.

Cancellation/Substitutions

Full refunds will be granted for cancellations received in writing by October 31, 2008. Refunds less a \$100 administrative fee will be granted to written requests received between November 1, 2008 and November 14, 2008. Refunds will not be granted after November 15, 2008. If you are unable to attend and wish to send a substitute, a \$25 substitution fee will be charged. ASSE membership is individual; therefore, substitution with a non-member will be charged the non-member rate plus the \$25 substitution fee. ASSE reserves the right to make substitutions to the program should unforeseen circumstances occur. ASSE also reserves the right to cancel the program two weeks prior to presentation. The program description contained in this brochure is based upon the information available at the time of printing.

REGISTRATION FEES

	Postmarked by October 17, 2008	Postmarked after October 17, 2008	On-Site Registration Fee
ASSE Member	\$525	\$575	\$600
AIHA/ACHM Member	\$550	\$600	\$625
Non-Member	\$575	\$625	\$650

REGISTRATION INCLUDES

- 1.2 CEUs/COCs
- Lunches, reception and coffee breaks
- Handout binder with proceedings
- Application has been made to ABIH for CM points
- Application has been made to IHMM for CHMM CMP points

SOLUTIONS IN CONSTRUCTION SAFETY REGISTRATION FORM OR REGISTER ONLINE AT WWW.ASSE.ORG

SYMPOSIUM — November 20-21, 2008 | SCOTTSDALE, AZ

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First and Last Name _____

First Name for Badge _____

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FULL PAYMENT IS REQUIRED WITH REGISTRATION

- Enclosed is my check payable to ASSE. (U.S. Funds-U.S. Banks)
- VISA Mastercard AMEX Discover

Cardholder Number _____

Signature _____

Cardholder Name (please print) _____

Government Purchase Order # (Attach completed signed PO with registration.) _____

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<input type="checkbox"/> Solutions in Construction Safety			
Member	\$525	\$575	\$600
AIHA/ACHMM Member	\$550	\$600	\$625
Non-member	\$575	\$625	\$650
<input type="checkbox"/> CHST Workshop			
Member	\$625	\$675	
AIHA/ACHMM Member	\$650	\$700	
Non-member	\$675	\$725	
<input type="checkbox"/> Math Review			
Member	\$195	\$245	
AIHA/ACHMM Member	\$235	\$285	
Non-member	\$275	\$325	
<input type="checkbox"/> ASP Workshop			
Member	\$625	\$675	
AIHA/ACHMM Member	\$650	\$700	
Non-member	\$675	\$725	
<input type="checkbox"/> CSP Workshop			
Member	\$625	\$675	
AIHA/ACHMM Member	\$650	\$700	
Non-member	\$675	\$725	
<input type="checkbox"/> Corporate Safety Mgmt.			
Member	\$595	\$645	
AIHA/ACHMM Member	\$620	\$670	
Non-member	\$645	\$695	

Discount (Disc1) \$30 discount per person when three or more register at the same time

Expiration Date _____

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- Please send me a membership application
- Check here if you are disabled and require special services: attach a written description of needs

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