

2016
CHICAGOLAND

**SAFETY, HEALTH &
ENVIRONMENTAL CONFERENCE**

Training EHS Professionals Since 1988



September 19-22, 2016

www.ChiSafetyConf.org

PROFESSIONAL TRAINING:

- **Environmental Management**
- **General Safety**
- **Industrial Hygiene**
- **OSHA Compliance**
- **Professional Development**



28th Annual Chicagoland Safety, Health and Environmental Conference September 19-22, 2016



Welcome, Attendees, as we celebrate the 28th anniversary of the Chicagoland Safety, Health and Environmental Conference. We have many new topics this year and presenters with a host of enthusiasm and knowledge to share with you.

This year's conference is co-sponsored by Northeastern Illinois (NEIL), Greater Chicago, Three Rivers Chapters of American Society of Safety Engineers (ASSE), and the Chicago Section of the American Industrial Hygiene Association (AIHA) and the Illinois Chapter of the Alliance of Hazardous Materials Professions (AHMP). The conference is planned in association with OSHA, Northern Illinois University and the National Safety Education Center

ASSE CEUs and ABIH Points are expected to be awarded as usual this years Instructions regarding requirements for the receipt of these points will be announced and provided in the classrooms during the conference.

Multiple tracks are provided in hope of providing strong value for your professional development. The topics have been selected by HSE professionals on the Conference Steering Committee. We seek to provide information to our attendees at basic, intermediate, and advanced levels, relying on volunteer speakers who do not receive any remuneration for their preparation and presentation. Presenters are selected based on their reputation, referrals, and positive feedback from previous attendee feedback.

The volunteer group of HSE professionals who plan and operate the Conference represents the professional associations named previously. Proceeds from the Conference are shared by the participating groups and are used to support the health and safety profession. Please consider being part of this planning group for next year's conference.

We welcome your feedback and are happy to hear from you, so that we many continue to grow and serve our membership and our attendees, and that our attendees leave with knowledge that is applicable for their employers, their careers and the community at large. In closing, we hope your experience is positive, valuable, and transferable, and that we will see you next year

Sincerely,

Amy Timmerman, President, Northeast Illinois (NEIL) ASSE

Ryan Mannion, President, Chicago ASSE

Jeff Winter, President, Three Rivers ASSE

Emily Gallagher, President, Chicago Chapter Alliance of Hazardous Materials

Jacob Scott, Area Director, Aurora office, Region V OSHA

Mike Baquiran, President, American Industrial Hygiene Association

28th Annual Chicagoland Safety, Health and Environmental Conference September 19-22, 2016

U.S. Department of Labor

Occupational Safety and Health Administration
230 South Dearborn, Room 3244
Chicago, Illinois 60604
(312) 353-2220
(312) 353-7774 facsimile



September 2016

To All Conference Attendees:

On behalf of the Occupational Safety and Health Administration (OSHA), I would like to welcome you to the 28th Annual Chicagoland Safety, Health and Environmental Conference. Our goal is to do everything we can to help employers and employees make this region the safest area of the country in which to work. As an enforcement agency, we have a responsibility to educate employers and workers regarding what is required of them to maintain a safe and healthful workplace. This conference provides the opportunity for employers and employees to learn about the most current issues in safety and health today. I want to congratulate you on attending the conference and your commitment to provide a safe and healthful work environment.

If you need any further assistance, or have any questions, please feel free to visit the OSHA booth. Employers in Illinois can call any of the agency's local offices and speak directly to a Compliance Officer. They can provide immediate technical assistance to help employers make their workplace safe and comply with OSHA's safety and health standards. Employers can reach compliance personnel by calling any of the following Area Offices: Aurora, (630) 896-8700; Chicago North, (847) 803-4800; Calumet City, (708) 891-3800; Peoria, (309) 589-7033; or Fairview Heights, (618) 632-8612. The State of Illinois Onsite Safety and Health Consultation Program is also available to provide onsite consultation and training at no cost to small employers. You may contact the state at 1-800-972-4216 to schedule a visit.

Again, thank you for your commitment to improving safety and health conditions in the workplace. Best wishes for a successful and productive conference.

Sincerely,


Ken Nishiyama Atha
Regional Administrator

About the Conference

The Chicagoland Safety, Health & Environmental Conference is for professionals who have responsibilities related to safety, health, training, and environmental management. Other key personnel such as owners, managers, supervisors, safety committee members, human resource managers, municipalities, and others are encouraged to attend.

Attendees will enjoy:

- Dynamic conference workshops and sessions
- Knowledgeable speakers providing current and timely information
- Basic, Intermediate and Advanced level training sessions
- Business EXPO featuring great products and services
- Wednesday evening networking social with hors d'oeuvres and drinks

The exhibit area is free to the participants, their clients, and the public

Conference is co-sponsored by:

- Chicago Local Section of AIHA
- Chicago Chapter - AHMP
- Greater Chicago Chapter - ASSE
- Northeastern Illinois Chapter - ASSE
- Three Rivers Chapter - ASSE

Planned in Association with:

- Occupational Safety & Health Administration
- Northern Illinois University, College of Engineering & the National Safety Education Center

Travel Information:

Hotel and travel information can be found on the conference website at:

**www.ChiSafetyConf.org or
www.visitnaperville.com or
www.niu.edu/regional/naperville
www.discoverdupage.com**

Continuing Education Credits (CEU's) Information:

Check website for requirements and information.

Speaker Information & Session Descriptions:

The description for offered workshops and sessions and presenter information is available at

www.ChiSafetyConf.org.

Exhibitor Information:

The Exhibitor Packet is available at

www.ChiSafetyConf.org. Register early for an EXPO booth and save money! For general questions, contact Kevin Aikman at 630-691-8271.

Battery Recycling:

Bring in your used batteries (taped at both ends) and drop them off at the Chicago Chapter AHMP booth compliments of Veolia.

Chicagoland EHS Golf Outing: September 23, 2016

Registration and Information:

<http://ThreeRivers.asse.org/events>

KEYNOTE SPEAKER: W. E. Scott, PHD, MPH, PE - Director, Consulting Services, National Safety Council

At Lunch on Thursday, September 22, 2016



Wes, a retired military officer, has over 30 years-experience in the engineering, environmental, biomedical, industrial hygiene and occupational safety and health fields. He has worked with the US Army, The Army Corps of Engineers, Federal Emergency Management Agency, The Center for Intelligence and Smith Klein Medical Laboratories.

Wes currently serves as the Director of Consulting and Training Services for the National Safety Council and is the lead Subject Matter Expert for workplace safety in the areas of Government, Healthcare, Aviation and Maritime. He oversees NSC consulting and core courses and other occupational training instruction for open enrollment and on-site programs. In addition, he provides technical and curriculum input for the development, implementation and modification of occupational safety and health training programs, services and systems. Wes identifies safety and health needs in the marketplace that can be satisfied with existing consulting/training expertise or recommends consideration for the development of new technical capabilities.

28th Annual Chicagoland Safety, Health and Environmental Conference September 19-22, 2016

Name: _____
(as it should appear on your name badge)

Company: _____

Job Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

If applicable, check appropriate status:

- ☐ I am a presenter (date): _____
- ☐ I am a student (school): _____
- ☐ I am with OSHA

Please check if you are a member of:

(If more than one applies, then circle only one to designate affiliation for the conference.)

Member Number: _____

- ☐ Greater Chicago Chapter - ASSE
- ☐ Northeastern Illinois Chapter - ASSE
- ☐ Three Rivers Chapter - ASSE
- ☐ Chicago Section - AIHA
- ☐ Chicago Chapter - AHMP
- ☐ Chamber of Commerce/
Business Organization
- ☐ Other _____

**Be sure to include the
Session Selection form
with this registration form
and payment.**

**Refer to conference Topic
Matrix for sessions, times
and titles.**

Program	Early Bird Fee	Fee After 8/19/2016
OSHA 10 Hour General industry (2 days)	\$225.00	\$275.00
Half (1/2) Day (Each Day)	☐ 9/19/16 \$75.00 ☐ 9/20/16 \$75.00 ☐ 9/21/16 \$75.00 ☐ 9/22/16 \$75.00	☐ 9/19/16 \$100.00 ☐ 9/20/16 \$100.00 ☐ 9/21/16 \$100.00 ☐ 9/22/16 \$100.00
Full Day (Each Day)	☐ 9/19/16 \$150.00 ☐ 9/20/16 \$150.00 ☐ 9/21/16 \$150.00 ☐ 9/22/16 \$150.00	☐ 9/19/16 \$200.00 ☐ 9/20/16 \$200.00 ☐ 9/21/16 \$200.00 ☐ 9/22/16 \$200.00
Total Amount Due/Enclosed:		\$ _____

Payment is due with registration

Internet (Secure): www.ChiSafetyConf.org

Mail: Mail your registration forms and check payable to Northern Illinois University or credit card information to:

University Outreach Services - Registration
Northern Illinois University
DeKalb, Illinois 60115-2854

Fax: Send your registration forms and completed credit card information to: 815-753-6900

Credit Card Type: ☐ Visa / MC ☐ DISC ☐ AMEX

Expiration Date: _____

Card # _____

Signature: _____

(Name on card if different from registration name (print): _____)

Refunds before 8/19/2016 will be charged a \$15.00 processing fee per person. No refunds will be allowed after 08/19/2016. Registration substitutions are allowed. Registration confirmations will be sent within 2 business days of registration.

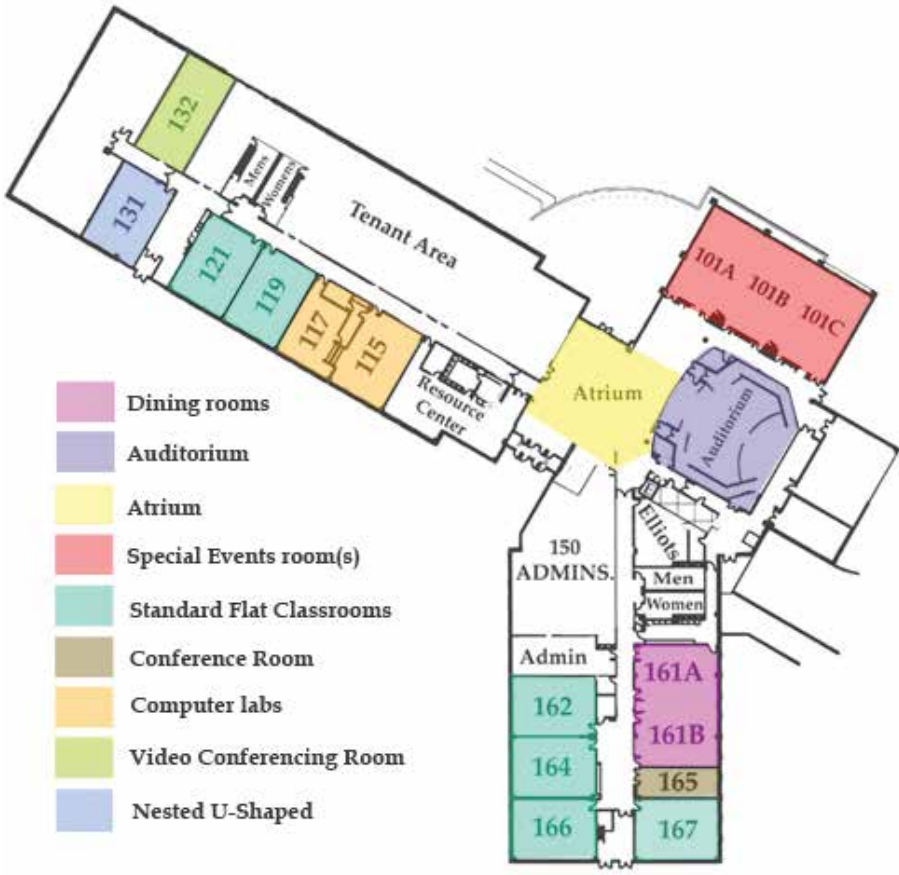
Chicagoland Safety, Health & Environmental Conference Session Matrix

	Session ID	8:30 - 10:00	Session ID	10:15 - 11:45	Session ID	1:15 - 2:45	Session ID	3:00 - 4:30
MONDAY	M1	OSHA 10 Hour General Industry - Paul Seidlitz						
	M2	OSHA 10 Hour General Industry - Spanish - Mery Sennett						
	M3	OSHA #7500 Introduction to Safety and Health Management - Don Bartalone						
	M4	Some Things I Have Learned as I've Aged - Don Phillips			M12	Clean Air Act Basics and Air Topics Updates - Bruce Dumdei		
	M5	Machine Safety in 2016: Trends in Technology and Best Practices - Jeff Winter			M13	LOCKOUT or Machine Guarding – An Exploration of the Exception Question - Carlos Gallegos		
	M6	OSHA #7845 Recordkeeping Rule Seminar - John Newquist					M17	Are You Hot for Fire Safety? - John Newquist
	M7	Environmental 101: Key elements for managing Environmental Programs for Safety and Health Professionals - Mary Prisby			M14	Risky Business: What you need to know about Temporary Workers	M18	Working with Workers Comp - Don Phillips
	M8	Occupational Exposure Limits: Understanding the Alphabet Soup - Rob Rotterman	M10	Impostor Syndrome: How could it be holding you back and what's the cure? - Kathy Doyle	M15	Biosafety Levels (BSL): What do I need to know? - Rajeev Viadyanathan	M19	Respirable Silica: Final OSHA Rule Overview - Eric White
	M9	Creating Engaging Virtual Events - Dan McNeil	M11	Using Video Game Design Principles to Enhance Your Safety Training - Dan McNeil	M16	Leading Operational Excellence - Ray Stuchly & Jeff Johnson	M20	Time Versus Goals Management - Ray Stuchly & Jeff Johnson
TUESDAY	T1	Noise Exposure Assessment and Hearing Conservation - Lee Hager						
	T2	First Aid, CPR, and AED Certification – Eugene Satrun						
	T3	OSHA 10 Hour General Industry			T14	Fleet Safety Management: What HSE Professionals Need to Know - Charlie Halfen	T20	A Hand Safety Assessment Goes Hand in Hand with Safety - Richard Brown
	T4	OSHA 10 Hour General Industry - Spanish			T15	The Bad Ergonomics of Order Fulfillment . . . and what to do about it - Jim Galante & Mike Lee		
	T5	OSHA #7510 Introduction to OSHA for Small Businesses - Brent Bryden					T21	How to Survive an Environmental Audit – I Promise, I'm on Your Side - Amy Spann
	T6	Safety Incentive Programs that Work - Jerry VanOort	T10	Training for the Ever Changing Workplace - Jerry VanOort	T16	Is Your Training Achieving the Right Blend? - Jerry VanOort	T22	Microlearning for Success - Jerry VanOort
	T7	How to Plan and Execute an Industrial Hygiene Sampling Survey - Bayless Kilgore	T11	What is Sustainability and where can it take your Business/Measuring How Modern Companies Compete and Succeed on Sustainability- Audra Paviliclus Karalius & Todd Fein	T17	Seeing is Believing! Safety Eyewear Training & Certification - Neil Powell	T23	Safety Management: Working with your Operations Team to Get Results - Arlene Farrar
	T8	Managing Soil and Groundwater Cleanups in Illinois - Marty Hamper	T12	RCRA Annual Refresher Training - Marty Hamper	T18	Process Safety Management - Edward Gorman		
	T9	OSHA Process Safety Management Overview - Michael Serpe	T13	Prevention of Amputations in Industry - Michael Serpe	T19	Permit Required Confined Space - Michael Serpe	T24	Welding Safety - Michael Serpe

WEDNESDAY	Session ID	8:30 - 10:00	Session ID	10:15 - 11:45	Session ID	1:15 - 2:45	Session ID	3:00 - 4:30
	W1	What To Expect From OSHA In 2016 And Beyond... Civil and Criminal Liability - Mark Lies	W7	The Criminalization of Process Safety - Kevin Collins	W13	GHS: The Top 10 Reasons Employers are Out of Compliance - Melissa McCaffrey	W19	Slips, Trips & Falls - Don Phillips
	W2	Implementing arc flash: lessons learned - Scott Coleman	W8	Attack in the Heartland; A real world exercise for EHS. Are we prepared? - David Tate	W14	From Compliance to Commitment: Fall Protection, OSHA, and the At-Risk Worker - Toby Rosenthal	W20	Fire retardants and fire hazards: Current safety and health issues - Salvatore Cali
	W3	Combustible Dust Hazard Awareness & Control; A Review of Available Resources - Mark Knezovich & Amanda Zansitis	W9	Be Ready If It Blows - Practical Solutions for Dust Collection Systems On Explosive Dust - Mike Freeman & Paul Gilbert	W15	5 Simple Ways to Make Your Desk Job Less Sedentary - Josh Kerst	W21	Crucial Accountability: Tools for Resolving Violated Expectations and Broken Commitments - Ashley Dittmar
	W4	Driving or Diving with the Sharks - Allan Kaufman	W10	TRI: How THEY Use Your Data - Emilee Rana	W16	EPA's "IMPROVED" Hazardous Waste Generator Rules: "HO HUM" OR INDUSTRY'S SURPRISE? - Kathy Doyle	W22	Shipping Hazardous Waste: Managing Both Your EPA and DOT Obligations - Kathy Doyle
	W5	The Yin of Ergonomics - Meredith Wayant	W11	The Yang of Ergonomics - Meredith Wayant	W17	Using the United Nations 2030 Sustainable Development Goals to enhance EHS Long Range/ Best Practices for Planning Developing Sustainability Goals and Metrics- Matt Kovach & Kate Schrank	W23	Run, Hide, Fight: Preparing for an Active Shooter in your Workplace - Deputy Chief Mike Anders
	W6	Performance Improvement through Influence; Overcoming Organizational Resistance and Enable Change - John Boyle	W12	Safety Leadership & Engagement - Wes Scott	W18	Forensic Architectural Investigations and Indoor Air Quality - Brad Craddock	W24	Is Safety a Priority for Your Organization? I HOPE NOT! - Greg Meyer & Robert Zima

THURSDAY	R1	Getting Them Out: Understanding Confined Space Rescue Requirements - James Lange	R6	What Goes Up, Must Come Down: Understanding Fall Rescue Requirements - James Lange	R11	The Facts About Aerial Work Platform Training – Understanding the Requirements and Avoiding the Myths - Tony Radtke		
	R2	The Hazards Within, Environmental Concerns in Buildings - David Regelbrugge	R7	Ten Years Later, An Update of Hexavalent Chromium Exposure in the Workplace - Rod Harvey	R12	Ventilation Sucks – How to troubleshoot and design better ventilation for air contaminant control - Geoff Bacci		
	R3	Changes in ISO 14001:2015 - Workshop with practical exercises - Betty Hostery	R8	ISO 14001: 2015 Environmental Management Systems (EMS) for a New Era - Heather Ingraham	R13	The Proposed ISO 45001 Occupational Health and Safety Management Systems Standard – Impact on Industry and the OSH Profession - Tim Fisher		
	R4	Food Fight! Exposure Issues in the Food Industry - Dr. Ted Hogan	R9	Part 27, 6 CFR, Chemical Facility Anti-Terrorism Standards, (CFATS) - Gregory Wolff	R14	Taking the Mystery out of Radon Testing & Mitigation - Kirsten Schmidt	R16	Hazard Communication: The Hazard Evaluation Process and YOU! - Julie Hanebuth
	R5	Packing Heat: Concealed Carry in the Workplace - Kristen Foley	R10	Going Green: Use of Medical Marijuana in the Workplace - Kristen Foley	R15	How Do You Pick a Respirator for Ebola? Control Banding for Biological and Infectious Aerosols - Lisa Brosseau		

NIU Naperville Floor Plan



28th Annual Chicagoland Safety, Health and Environmental Conference

September 19-22, 2016

Two Day Sessions (9/19 and 9/20) (See matrix for times)	
M1 & T3	OSHA 10 Hour General Industry
M2 & T4	OSHA 10 Hour General Industry - Spanish
Monday, September 19 (See matrix for times)	
M3	OSHA #7500 Introduction to Safety and Health Management
M4	Some Things I Have Learned as I've Aged
M5	Machine Safety in 2016: Trends in Technology and Best Practices
M6	OSHA #7845 Recordkeeping Rule Seminar
M7	Environmental 101: Key elements for managing Environmental Programs for Safety and Health Professionals
M8	Occupational Exposure Limits: Understanding the Alphabet Soup
M9	Creating Engaging Virtual Events
M10	Impostor Syndrome: How could it be holding you back and what's the cure?
M11	Using Video Game Design Principles to Enhance Your Safety Training
M12	Clean Air Act Basics and Air Topics Updates
M13	LOCKOUT or Machine Guarding – An Exploration of the Exception Question
M14	Risky Business: What you need to know about Temporary Workers
M15	Biosafety Levels (BSL): What do I need to know?
M16	Leading Operational Excellence
M17	Are You Hot for Fire Safety?
M18	Working with Workers Comp
M19	Respirable Silica: Final OSHA Rule Overview
M20	Time Versus Goals Management
Tuesday, September 20 (See matrix for times)	
T1	Noise Exposure Assessment and Hearing Conservation
T2	First Aid, CPR, and AED Certification
T5	OSHA #7510 Introduction to OSHA for Small Businesses
T6	Safety Incentive Programs that Work
T7	How to Plan and Execute an Industrial Hygiene Sampling Survey
T8	Managing Soil and Groundwater Cleanups in Illinois
T9	OSHA Process Safety Management Overview
T10	Training for the Ever Changing Workplace
T11	What is Sustainability and where can it take your Business/Measuring How Modern Companies Compete and Succeed on Sustainability
T12	RCRA Annual Refresher Training
T13	Prevention of Amputations in Industry
T14	Fleet Safety Management: What HSE Professionals Need to Know
T15	The Bad Ergonomics of Order Fulfillment . . . and what to do about it
T16	Is Your Training Achieving the Right Blend?
T17	Seeing is Believing! Safety Eyewear Training & Certification
T18	Process Safety Management
T19	Permit Required Confined Space
T20	A Hand Safety Assessment Goes Hand in Hand with Safety
T21	How to Survive an Environmental Audit – I Promise, I'm on Your Side
T22	Microlearning for Success
T23	Safety Management: Working with your Operations Team to Get Results
T24	Welding Safety
Wednesday, September 21 (See matrix for times)	
W1	What To Expect From OSHA In 2016 And Beyond... Civil and Criminal Liability
W2	Implementing arc flash: lessons learned
W3	Combustible Dust Hazard Awareness & Control, A Review of Available Resources
W4	Driving or Diving with the Sharks
W5	The Yin of Ergonomics
W6	Performance Improvement through Influence, Overcoming Organizational Resistance and Enable Change
W7	The Criminalization of Process Safety
W8	Attack in the Heartland: A real world exercise for EHS... Are we prepared?
W9	Be Ready If It Blows - Practical Solutions for Dust Collection Systems' On Explosive Dust
W10	TRL: How THEY Use Your Data
W11	The Yang of Ergonomics
W12	Safety Leadership & Engagement
W13	GHS: The Top 10 Reasons Employers are Out of Compliance
W14	From Compliance to Commitment: Fall Protection, OSHA, and the At-Risk Worker
W15	5 Simple Ways to Make Your Desk Job Less Sedentary
W16	EPA's "IMPROVED" Hazardous Waste Generator Rules: "HU HOM" OR INDUSTRY'S SURPRISE?
W17	Using the United Nations 2030 Sustainable Development Goals to enhance EHS Long Range/Best Practices for Planning/Developing Sustainability Goals and Metrics
W18	Forensic Architectural Investigations and Indoor Air Quality
W19	Slips, Trips & Falls
W20	Fire retardants and fire hazards: Current safety and health issues
W21	Crucial Accountability: Tools for Resolving Violated Expectations and Broken Commitments
W22	Shipping Hazardous Waste: Managing Both Your EPA and DOT Obligations
W23	Run, Hide, Fight: Preparing for an Active Shooter in your Workplace
W24	Is Safety a Priority for Your Organization? I HOPE NOT!
Thursday, September 22 (See matrix for times)	
R1	Getting Them Out: Understanding Confined Space Rescue Requirements
R2	The Hazards Within: Environmental Concerns in Buildings
R3	Changes in ISO 14001:2015 - Workshop with practical exercises
R4	Food Fight! Exposure Issues in the Food Industry
R5	Packing Heat: Concealed Carry in the Workplace
R6	What Goes Up, Must Come Down: Understanding Fall Rescue Requirements
R7	Ten Years Later: An Update of Hexavalent Chromium Exposure in the Workplace
R8	ISO 14001: 2015 Environmental Management System (EMS) for a New Era
R9	Part 27, 6 CFR, Chemical Facility Anti-Terrorism Standards, (CFATS)
R10	Going Green: Use of Medical Marijuana in the Workplace
R11	The Facts About Aerial Work Platform Training - Understanding the Requirements and Avoiding the Myths
R12	Ventilation Sucks - How to troubleshoot and design better ventilation for air contaminant control
R13	The Proposed ISO 45001 Occupational Health and Safety Management Systems Standard - Impact on Industry and the OSH Profession
R14	Taking the Mystery out of Radon Testing & Mitigation
R15	How Do You Pick a Respirator for Ebola? Control Banding for Biological and Infectious Aerosols
R16	Hazard Communication: The Hazard Evaluation Process and YOU!

MONDAY SESSIONS



OSHA 10 Hour General Industry **(Monday and Tuesday)**

OSHA 10 Hour General Industry - Spanish **(Monday and Tuesday)**

OSHA #7500 Introduction to Safety and Health Management

Some Things I Have Learned as I've Aged

Machine Safety in 2016: Trends in Technology and Best Practices

OSHA #7845 Recordkeeping Rule Seminar

Environmental 101: Key elements for managing Environmental Programs for Safety and Health Professionals

Occupational Exposure Limits: Understanding the Alphabet Soup

Creating Engaging Virtual Events

Impostor Syndrome: How could it be holding you back and what's the cure?

Using Video Game Design Principles to Enhance Your Safety Training

Clean Air Act Basics and Air Topics Updates

LOCKOUT or Machine Guarding – An Exploration of the Exception Question

Risky Business: What you need to know about Temporary Workers

Biosafety Levels (BSL): What do I need to know?

Leading Operational Excellence

Are You Hot for Fire Safety?

Working with Workers Comp

Respirable Silica: Final OSHA Rule Overview

Time Versus Goals Management

OSHA 10-Hour for General Industry

Paul Seidlitz, R.N.

Consultant

Phone Number: 630-469-9552

E-mail: paulseidlitz@yahoo.com

Paul Seidlitz is recently retired as a Consultant/Trainer with the Illinois Onsite Safety and Health Consultation Program. Paul continues in private practice conducting interactive training for numerous employers. Paul is a Registered Professional Nurse with over 20 years' experience as a safety director in health services and retail industries. A retired Colonel, U.S. Army, Paul functioned as a general duty nurse and training officer. Paul is an authorized OSHA Outreach Trainer.

.....

Topic/Presentation Synopsis:

Participants are on their way to becoming self-sufficient as they will be able to: locate and apply OSHA standards, policies and procedures to supplement an on-going safety and health program; identify major requirements of the OSHA Standards, as well as use the appropriate corrective action to make your operation safe and more productive. After attending the course, participants will receive the OSHA 10-hour card for General Industry. This class covers a full two days.

At the end of this presentation, the participant will be able to:

1. Apply specific OSHA standards, policies and procedures to the workplace
2. Identify common OSHA violations and propose corrective actions
3. Use OSHA regulations to establish or supplement an effective safety and health program

Session M2-T4

Monday and Tuesday, September 19-20, 2016

8:30 am – 4:30 pm Monday

8:30 am – 11:45 am Tuesday

Basic Level

OSHA 10-Hour for General Industry Spanish

Mery Sennett

Ideal Safety Communication, Inc.

7223 South Route 83-197, Willowbrook, IL 60527

Phone Number: 630-699-1301

E-mail: msennett@idealsafetycommunication.com

Mery Sennett is the president of Ideal Safety Communication, Inc. Her business helps companies with bilingual workplace safety and consulting. (English/Spanish). She has more than 20 years of experience in Occupational Health and Safety and is an authorized Outreach OSH Trainer for General Industry. She is a Professional Member of the American Society of Safety Engineers (ASSE), and received the Safety Professional of the Year Award from the Three Rivers Chapter.

.....

Topic/Presentation Synopsis:

After attending the course, participants will receive the OSHA 10-hour card for General Industry.

At the end of this presentation, the participant will be able to:

1. Develop safety awareness in the workplace
2. Identify and correct hazards in the workplace
3. Incorporate new knowledge into EHS work practices

OSHA #7500: Introduction to Safety and Health Management

Don Bartalone

Trainer-Instructor

National Safety Education Center

Phone Number: 630.730.0151 E-mail: donbartman@yahoo.com

Don Bartalone has been involved in the transportation and warehousing industries for over 35 years and served on the safety team and committee for 20 of those years. Don spent five years as a facility manager/safety coordinator for an oil refinery. He is an OSHA-authorized General Industry Outreach Trainer that conducts 10- and 30- hour General Industry training and also instructs OSHA 511, 501 and 503 at the National Safety Education Center. Don has National Safety Council certificates in Fork Lift Truck Operator Training, Incident Investigation, Safety Inspections and Advanced Safety. He teaches at Northern Illinois University in DeKalb, Hoffman Estates, Naperville and Rockford, Illinois, and also teaches the National Safety Council in Itasca, Illinois. His experience and diverse background give Don the ability to serve in the field as well as in the classroom to offer solutions to safety problems.

Topic/Presentation Synopsis:

This course covers the effective implementation of a company's safety and health management system. The course addresses the four core elements of an effective safety and health management system and those central issues that are critical to each element's proper management. This course is an interactive training session focusing on class discussion and workshops.

At the end of the presentation, the participant will be able to:

1. Explain the benefits of implementing a safety and health management system
2. Identify the core elements of an effective safety and health program
3. Describe the key processes in each program element
4. Evaluate, develop and implement an effective safety and health management system

Session M4

Monday, September 19, 2016

8:30 am – 11:45 am

Intermediate Level

Some Things I Have Learned

Don Phillips

Corporate EH&S Leader - NTN Americas

795 Kimberly Drive, Carol Stream, IL 60188

Phone Number: 630.517.4802 E-mail: dphillips@ntnusa.com

Don Phillips has been involved in employee safety for more than 25 years, during which time he has consistently set the PASE (Positive Attitude and Safety, Everyday) for employees to follow. He started as a union steward and founding member of the safety committee at DeMert & Dougherty's Coal City, Illinois, manufacturing plant and has worked in safety for some of the largest corporations in their respective industries. He is currently the Corporate Environmental, Health & Safety for the Corporate Environmental, Health & Safety Leader for the NTN Americas Region. Don is a qualified OSHA Outreach trainer in General Industry with experience and responsibilities that include developing and delivering safety training programs, facilitating safety committees and conducting safety audits. He also specializes in Incident Investigation, Workers Compensation and OSHA and EPA compliance.

.....

Topic/Presentation Synopsis:

How does getting cut from 7th grade basketball create a safety professional? It's not that much of a stretch. This interactive presentation discusses how the events in our lives, both large and seemingly insignificant become the turning points, make us who we are, and can provide the lessons critical in developing a safety culture. Following a format taken from the last broadcast of Chicago radio personality Bob Collins, reading Maya Angelou, we go on a life journey of both large and small events teaching lessons in both safety and living.

At the end of this presentation, the participant will be able to:

1. Identify best practices in training, safety, and motivation
2. Understand how the interaction between life and work and the need for balance
3. Incorporate employees, supervisors, and management into your programs

Machine Safety in 2016: Trends in Technology and Best Practices

Jeff Winter

Director, Safety Practices - Grantek Systems Integration
903 Commerce Drive, Unit 200, Oak Brook, IL 60523
Phone Number: 773.318.0528 E-mail: jeff.winter@grantek.com

Jeff Winter is the Director of Grantek Systems Integration's Safety Practice, where he leads a team of engineers in developing and delivering machine safety services across North America. With over 10 years of experience working for several different safety product manufacturers, he has a unique experience in bridging OSHA regulatory compliance and safety standards interpretation with engineering requirements and corporate safety strategy. Throughout his career he's been a leader in educating the industry on the benefits of machine safety through hosting best practice industry events, participating in speaking engagements, developing white papers, and writing technical articles. Jeff is also a TUV Functional Safety Engineer, Board Certified Safety Professional, voting member of the ANSI B11 Accredited Standards Committee, and officer for American Society of Safety Engineers (ASSE).

.....

Topic/Presentation Synopsis:

Machine Safety: Everyone knows it's important, everyone knows it's required and everyone knows it's just the right thing to do. But how do you move forward when standards and technology seem to be changing every day? Since 2010, it can be argued there have been more standard changes and technology advancements in machine safety than the previous 40 years combined. How are companies embracing these changes? How do they know they have embraced them correctly? As technology becomes more complicated and advanced, it can become very easy to lose sight over how the technology is actually providing a safer workplace.

At the end of this presentation, the participant will be able to:

1. Understand the changing industry consensus stands and how they relate to regulatory requirements
2. Leverage new technology to turn safety into a competitive advantage
3. Identify the key elements in an effective machine safety program

Session M6

Monday, September 19, 2016

8:30 am – 2:45 pm

Intermediate

OSHA # 7845 Recordkeeping Rule Seminar

John Newquist

Partner, Newquist Safety

618 N. 4th St., Dekalb IL 60115

Phone Number: 815.354.6853

E-mail: johnanewquist@msn.com

John Newquist is an independent safety trainer, author and consultant. From 2005-2012, John was Region V's Assistant Regional Administrator for Cooperative and State Programs, where he managed the region's training programs, Susan Harwood Grants, state plans and consultation grants, and voluntary protection programs. He has a BS in fire protection and safety engineering from the Illinois Institute of Technology and a Master's of Science in Industrial Management from Northern Illinois University. A Certified Safety Professional, he was a founding member of the ANSI Z359 Standards Committee (Safety Requirements for Fall Arrest Systems). He created and taught the first OSHA Training Institute Fall Arrest and Process Safety Management classes. He has taught hundreds of safety seminars across the country including the National VPPA, Construction Safety Conference, American Society of Safety Engineers and National Fire Protection Association. He worked for OSHA from 1983-2012, including a stint as the Area Director of the Peoria Area Office.

Topic/Presentation Synopsis:

The course covers OSHA requirements for maintaining and posting records of occupational injuries and illnesses, and reporting specific cases to OSHA. The course objectives are to improve your record keeping systems and to improve the quality and consistency of injury and illness data.

At the end of this presentation, the participant will be able to:

1. Identify OSHA requirements for recordkeeping, posting and reporting
2. Complete OSHA 300 Log of Work-Related Injuries
3. Complete OSHA Form 300A Summary of Work-Related Injuries and Illnesses
4. Complete OSHA Form 301 Injury and Illness Incident Report

Environmental 101: Key Elements for Managing Environmental Programs for Safety and Health Professionals

Mary Prisby, CHMM, ASP

EHS Specialist, (Past) Environmental Practice Specialty Administrator
BASF

106 Main Street, Malcom, IA 50157

Phone Number: 641.528.1115

E-mail: mary.prisby@basf.com

Mary has provided guidance and maintenance for environmental, health and safety programs in chemical, pharmaceutical, and manufacturing. Utilizing employees has been a major contributor to the success of the facilities she has worked. Mary is past president of ASSE, Three Rivers Chapter and past Administrator for Environmental Practice Specialty.

.....

Topic/Presentation Synopsis:

Environmental 101 will provide key topics for Health and Safety professional that is or may be responsible for environmental management programs. Transitioning into ENV responsibilities is challenging but rewarding. At the end of this presentation, the participant will be able to:

1. Understand critical environmental regulations
2. Identify tools that they can apply back at the office for Environmental Management Systems
3. Develop programs and understand resources for compliance

Occupational Exposure Limits Understanding the Alphabet Soup

Rob Rottersman

Senior Manager

Ramboll Environ

333 W. Wacker Drive Suite 2700, Chicago IL 60606

Phone Number: 312.288.3857

E-mail: rrotersman@ramboll.com

Mr. Rottersman is an industrial hygiene consultant with Ramboll Environ located in Chicago. He has over 17 years of experience in industrial hygiene, with emphasis on chemical and biological exposure evaluation and analysis. He is a frequent speaker at technical and scientific conferences, and is former president of the American Industrial Hygiene Association-Chicago section.

.....

Topic/Presentation Synopsis:

OEL, PEL, TLV, REL, STEL, Action Levels and Ceilings. What do they mean? Where do they come from? Which one do I use? This session will provide an overview of occupational exposure limits including acronym identification (AI). Methods for evaluating exposures for extended work shifts, exposures to mixtures and excursion limits will be discussed.

At the end of this presentation, the participant will be able to:

1. Understand the differences between various exposure limits
2. Select appropriate limits that can be used for decision making in their work place
3. Interpret exposure data using the appropriate limit
4. Deconstruct and reconstruct three letter combinations into industrial hygiene terminology (IHT)

Creating Engaging Virtual Events

Dan McNeill

Manager, Education Development
American Society of Safety Engineers
520 N. Northwest Highway, Park Ridge IL
Phone Number: 847.768.3437 E-mail: dmcneill@asse.org

Dan McNeill has been an instructional designer and project manager for over 20 years-focusing his creative energies on immersive simulations, collaborative learning and exploring technologies that can help enable the dispersion and sharing of knowledge. Since 2007, Dan has been the Manager of Education Development for the American Society of Safety Engineers. Before coming to ASSE, Dan has held training positions at such companies as IBM, Allstate Insurance, United Airlines and the Chicago Transit Authority. On a part-time basis, Dan has taught classes on Video Fame design at McHenry County College. Dan holds a MA in Human Resource Development from Northern Illinois University.

.....

Topic/Presentation Synopsis:

Delivering Safety Training Online. The possibilities can be endless when you deliver your safety training online. There might be a few hurdles, but you can do it and reach a geographically dispersed audience with your safety message. In this session you will learn to design, develop and deliver engaging virtual education.

Topic Objectives: At the end of this presentation, the participant will be able to:

1. Demonstrate how to use the most common virtual classroom tools
2. Prepare for and employ best practices for facilitating a webcast
3. Recall how to structure a topics in virtual classroom to ensure maximum engagement
4. Apply the virtual classroom interaction exercises in a future virtual event

Imposter Syndrome

How could it be holding you back and what's the cure?

Kathy Doyle

Managing Director

Relief EHS, LLC

3732 Arthur Ave, Brookfield, IL 60513

Phone Number: 708.269.0692

E-mail: kathydoyle@reliefEHS.com

Kathy Doyle, CHMM, enjoys helping customers unscramble regulations and implement practical, effective approaches to protecting worker safety and our environment. Kathy feels fortunate to have spent 25 years in the waste industry providing compliance guidance and solving problems with operations, EHS colleagues, sustainability staff, and Fortune 100 clients.

Topic/Presentation Synopsis:

“Imposter Syndrome”, whether you’ve heard of it or not, affects many professionals, including those who are recognized experts in their field or craft. So, as asked by Dr. Valerie Young on her webpage (impostersyndrome.com), do you ever:

*chalk your success up to luck, timing, or computer error?

*believe “If I can do it, anybody can”?

*worry that it’s just a matter of time before you’re “found out?”

If so, we’ll discuss that you are not alone and how to embrace the expert that you are and the success you’ve earned.

At the end of this presentation, the participant will be able to:

1. Define “Imposter Syndrome” and those most frequently impacted by it
2. Use some techniques to counter “Imposter Syndrome”
3. Locate and share additional resources for further information about this topic

Using Video Game Design Principles to Enhance Your Safety Training

Dan McNeill

Manager, Education Development
American Society of Safety Engineers
520 N. Northwest Highway, Park Ridge, IL
Phone Number: 847.768.3437
E-mail: dmcneill@asse.org

Dan McNeill has been an instructor designer and project manager for over 20 years-focusing his creative energies on immersive simulations, collaborative learning and exploring technologies that can help enable the dispersion and sharing of knowledge. Since 2007, Dan has been the Manager of Education Development for the American Society of Safety Engineers. Before coming to ASSE, Dan has held training positions at such companies as IBM, Allstate Insurance, United Airlines and the Chicago Transit Authority. On a part-time basis, Dan has taught classes on Video Game design at McHenry County College. Dan holds a BA in Human Resource Development from Northeastern Illinois University.

.....

Topic/Presentation Synopsis:

How do we create safety training that is truly engaging? How do we design a training program that motivates while at the same time delivers on its stated learning objectives? Easy, we “gamify” it! In this presentation, we’ll discuss concepts that game designers use to create experiences that put gamers, “in the flow”.

At the end of this presentation, the participant will be able to:

1. Demonstrate how to incorporate the idea of flow into your learning events
2. Describe Gagne’s instructional events
3. Design a course topic using video game design principles

Session M12

Monday, September 19, 2016

1:00 pm – 4:30 pm

Basic Level

Clean Air Act Basics and Air Topics Updates

Bruce Durndei, Ph.D.

Executive Vice President

ATC Environmental Consulting

20 N. Wacker Drive, Chicago, IL 60606

Phone Number: 312.800.4272

E-mail: bruce.dumdei@sageenvironmental.com

Bruce is a 30+ year environmental scientist with expertise in services including complex PSD and nonattainment NSR permitting, Title V permitting, and NSPS and NESHAP's compliance, and state and federal agency enforcement negotiations. Bruce also serves as the Executive Vice President of Training for Sage's extensive training programs.

.....

Topic/Presentation Synopsis:

The basics of the Clean Air Act will be discussed and how the CAA relates to resulting multitude of regulations, air permitting, manufacturing requirements and other effects on facility operations. A brief survey of the current air issues will also be presented. Topics will include the re-designation of the ozone attainment areas and its effect on construction permit offsets, enforcement priorities for the USEPA and IRPA, and new rule developments.

At the end of this presentation, the participant will be able to:

1. Understand how the Clean Air Act relates to specific regulations and environmental requirements in permits and directives from the USEPA and the Illinois EPA.
2. Better communicate the compliance issues of most concern for their facility
3. Better anticipate the upcoming changes to air regulations that may effect both capital projects and ongoing operations at their facilities.

LOCKOUT or MACHINE GUARDING An Exploration of the Exception Question

Carlos Gallegos

Response Team Leader

OSHA Aurora Area Office

365 Smoketree Lane, North Aurora, IL 60542

Phone Number: 630.896.8700

E-mail: Gallegos.carlos@dol.gov

Mr. Gallegos started his safety career in the U.S. Air Force and has since held several enforcement positions within the U.S. DOL OSHA, including Instructor and Regional Safety Specialist for the Midwest (Region V). He currently serves as Assistant Area Director for the Response Team at the Aurora Area Office.

.....

Topic/Presentation Synopsis:

Lockout tagout and/or machine guarding-related hazards contribute to vast majority of amputations in the workplace. Therefore, employers must learn when to employ either or, to prevent injuries.

At the end of this presentation, the participant will be able to:

1. Identify work activities where Lockout is needed
2. Understand what conditions the LOTO exception applies toward
3. Identify safeguarding necessary to work under the LOTO exemption

Session M14

Monday, September 19, 2016

1:15 pm – 2:45 pm

Basic Level

Risky Business What You Need to Know About Temporary Workers

Gary Salvador

Safety Instructor

Safety First Training

807 W. Country Drive, Bartlett, IL 60103

Phone Number: 630.880.2083

E-mail: safetyfirst1@comcast.net

Gary Salvador has been an Authorized OSHA Outreach Instructor for about 15 years. With a background in Industrial Safety and Public Service, he has been working with Waubensee College in implementing and presenting the Safety Training for Temporary Workers Program through the OSHA Susan Harwood Grant Program.

Topic/Presentation Synopsis:

This presentation will focus on the challenges of training temporary workers in general industry to 'work safe and stay safe. What are the unique and shared roles and responsibilities for host employers and staffing agencies? This presentation will help you understand and identify resources to assist in meeting OSHA's training imperatives.

At the end of this presentation, the participant will be able to:

1. Identify the major challenges of safety and health training for general industry temporary workers
2. Describe the joint responsibilities of host employers and staffing agencies for the safety and health of temporary workers
3. List local resources for safety training for temporary workers in general industry

Biosafety Levels (BSL) What do I need to know?

Rajeev Vaidyanathan, Ph.D.

Director, Environmental Science - Clarke
675 Sidwell Court, St. Charles, IL 60174

Phone Number: 630.671.3083 E-mail: rvaidyanathan@clarke.com

Rajeev Vaidyanathan is a medical entomologist with expertise in the mosquito-borne viruses that cause eastern equine encephalitis, West Nile, dengue, and chikungunya. He has a B.S. and M.S. in entomology and a Ph.D. in parasitology. He's the Director of Environmental Science at Clarke, where he manages scientists who evaluate new, sustainable mosquito control products and technologies.

.....

Topic/Presentation Synopsis:

Working with infectious agents requires unique safety considerations in building design, equipment, protective gear (PPE), and techniques. There are four biosafety levels (BSL), ranked from the lowest (1) to highest (4) risk. Each BSL is determined by the following criteria:

How infectious is the agent? How easily can it be transmitted in aerosol or by contact?

How severe are the symptoms, and how can they be managed?

What is the risk of death?

Is there a vaccine?

Are there effective treatments, and are they readily available?

Is the agent exotic?

We will cover these BSL criteria and how to work with BSL-1, 2, & 3 agents

At the end of this presentation, the participant will be able to:

1. List criteria that define each BSL
2. Name at least one infectious agent at each BSL
3. Describe the PPE necessary for each BSL
4. Name at least two techniques to minimize exposure to infectious agents in the lab

Session M16

Monday, September 19, 2016

1:15 pm – 2:45 pm

Intermediate Level

Leading Operational Excellence

Jeff Johnson, President

Ray Stuchly, Executive Vice President - LMI Chicago

27475 Ferry Road # 114, Warrenville, IL 60555

Phone Number: 630.717.2744 E-mail: rstuchly@imi-chicago.com

Jeff Johnson is the Owner and President of Corporate Leadership Development Group, Inc., and LMI Chicago, Inc. He has a successful track record of starting, developing, managing, and directing both public and private businesses supporting both independent and Fortune 500 companies. Jeff brings more than 30 years of management and leadership experience in the areas of Sales, Sales Management, Client Services, Operations, Information Technology, Accounting and Administration.

Ray Stuchly is Executive Vice President of LMI Chicago. Ray is a proven developer of people and organizations with his focus on people always first. He has over 30 years experience in helping leaders develop their own potential producing measurable results. He has helped public and privately held companies successfully achieve substantial sustainable growth. Ray has degrees in Aerospace Engineering from UIC and a M.B.A. from Loyola University. He was an Instructor at DeVry and Keller Graduate School of Management. Ray has facilitated over 500 workshops in the Midwest

.....

Topic/Presentation Synopsis:

The workshop “Leading Operational Excellence” will address how to change that number of 31% employees that are now engaged in their work (Gallup 2015) to something much higher. It is designed for leaders in organizations to help them understand how they can increase engagement so that it will have a positive impact not only on the bottom line, but all their team members and themselves.

At the end of this presentation, the participant will be able to:

1. Understand the signs of employee stagnation
2. Introduce key steps to create operational excellence
3. Practice 3 key components to create operational leadership excellence

Are You Hot for Fire Safety?

John Newquist

Partner, Newquist Safety
618 N. 4th Street, DeKalb, IL 60115
Phone Number: 815.354.6853
E-mail: johnanewquist@msn.com

John Newquist is an independent safety trainer, author and consultant. He has a BS in Fire Protection and Safety Engineering from the Illinois Institute of Technology and a Master's of Science in Industrial Management from Northern Illinois University. He is a Certified Safety Professional. He has trained over 6,000 people in the last three years.

.....

Topic/Presentation Synopsis

Are you using the 1969 OSHA codes for flammable liquid safety or are you up to the current NFPA 30 code for Flammable and Combustible Liquids Code? John Newquist will walk you through common hazards and violations. He will discuss OSHA citations for this area.

At the end of this presentation, the participant will be able to:

1. Understand the five common hazards found in Industrial facilities
2. Discuss fatality prevention strategies for the sector
3. Calculate proper ventilation for your rooms

Session M18

Monday, September 19, 2016

3:00 pm – 4:30 pm

Intermediate Level

Working with Workers Comp

Don Phillips

Corporate EH&S Leader

NTN Americas

795 Kimberly Drive, Carol Stream, IL 60188

Phone Number: 630.517.4802

E-mail: dphillips@ntnusa.com

Don Phillips has been involved in employee safety for more than 25 years, during which time he has consistently set the PASE (Positive Attitude and Safety, Everyday) for employees to follow. He started as a union steward and founding member of the safety committee at DeMert & Dougherty's Coal City, Illinois, manufacturing plant and has worked in safety for some of the largest corporations in their respective industries. He is currently the Corporate Environmental, Health & Safety for the Corporate Environmental, Health & Safety Leader for the NTN Americas Region. Don is a qualified OSHA Outreach trainer in General Industry with experience and responsibilities that include developing and delivering safety training programs, facilitating safety committees and conducting safety audits. He also specializes in Incident Investigation, Workers Compensation and OSHA and EPA compliance.

.....

Topic/Presentation Synopsis:

Even with the best safety programs, injuries occur, or at least be alleged, and then what? This interactive presentation will cover what happened next, from the initial report, through the investigation, mitigation of costs, and closing the claim.

At the end of this presentation, the participant will be able to:

1. Understand the connection between Safety and Work Comp
2. Determine compensability
3. Control the costs of claims

Respirable Silica

Final OSHA Rule Overview

Eric White, MPH, CIH, CSP

Director of Industrial Hygiene Services
Aires Consulting, A division of Gallagher Bassett Services, Inc.
1550 Hubbard Ave, Batavia, IL 60510
Phone Number: 248.444.5308
E-mail: Eric_White@gbtpa.com

Eric White holds his Master's degree in Public Health/Industrial Hygiene and is the current program director and supervisor of health and safety consultants specializing in employee exposure assessment, training, and regulatory compliance at Aires Consulting, A division of Gallagher Bassett Services, Inc.

.....

Topic/Presentation Synopsis:

The purpose of the presentation will be to introduce employees to the new final Occupational Safety and Health Administration (OSHA) rule on respirable crystalline silica that went into effect on June 23rd, 2016. The presentation will focus on the new standard for general industry/Maritime, construction, and hydraulic fracturing.

At the end of this presentation, the participant will be able to:

1. Introduce attendees to the final OSHA rule-Respirable Crystalline Silica
2. Identify the differences between the old and new regulation
3. Explain compliance to the new rule and compliance path moving forward
4. Describe best practice recommendations for an effective control program
5. Review engineering control case studies

Time Versus Goals Management

Jeff Johnson, President
Ray Stuchly, Executive Vice President
LMI Chicago

27475 Ferry Road # 114, Warrenville, IL 60555
Phone Number: 630.717.2744 E-mail: rstuchly@imi-chicago.com

Jeff Johnson is the Owner and President of Corporate Leadership Development Group, Inc., and LMI Chicago, Inc. He has a successful track record of starting, developing, managing, and directing both public and private businesses supporting both independent and Fortune 500 companies. Jeff brings more than 30 years of management and leadership experience in the areas of Sales, Sales Management, Client Services, Operations, Information Technology, Accounting and Administration.

Ray Stuchly is Executive Vice President of LMI Chicago. Ray is a proven developer of people and organizations with his focus on people always first. He has over 30 years experience in helping leaders develop their own potential producing measurable results. He has helped public and privately held companies successfully achieve substantial sustainable growth. Ray has degrees in Aerospace Engineering from UIC and a M.B.A. from Loyola University. He was an Instructor at DeVry and Keller Graduate School of Management. Ray has facilitated over 500 workshops in the Midwest

.....

Topic/Presentation Synopsis:

‘Time Versus Goals Management’ Have you ever said ‘I’ll make time for that?’ What is the formula to make time? Since it hasn’t been discovered yet, this workshop will help you understand how to take more control of your day to focus more on the areas that are truly important and to create a true slight edge for yourself and what drivers productivity.

At the end of this presentation, the participant will be able to:

- 1. Learn how to be more proactive in your business
- 2. Create more balance between your work and personal life
- 3. Discover how you are impacted by the ‘Tyranny of Urgent?’ and what to do about it

TUESDAY SESSIONS



Noise Exposure Assessment and Hearing Conservation

First Aid, CPR, and AED Certification

OSHA #7510 Introduction to OSHA for Small Businesses

Safety Incentive Programs that Work

How to Plan and Execute an Industrial Hygiene Sampling Survey

Managing Soil and Groundwater Cleanups in Illinois

OSHA Process Safety Management Overview

Training for the Ever Changing Workplace

What is Sustainability and where can it take your Business/Measuring How Modern Companies Compete and Succeed on Sustainability

RCRA Annual Refresher Training

Prevention of Amputations in Industry

Fleet Safety Management: What HSE Professionals Need to Know

The Bad Ergonomics of Order Fulfillment . . . and what to do about it

Is Your Training Achieving the Right Blend?

Seeing is Believing! Safety Eyewear Training & Certification

Process Safety Management

Permit Required Confined Space

A Hand Safety Assessment Goes Hand in Hand with Safety

How to Survive an Environmental Audit – I Promise, I’m on Your Side

Microlearning for Success

Safety Management: Working with your Operations Team to Get Results

Welding Safety

Noise Exposure Assessment and Hearing Conservation

Lee D. Hager

Hearing Conservationist
3M

248 Church St, Portland, MI 48875

Phone Number: 517.290.1907

E-mail: lhager@mmm.com

Lee Hager brings nearly 30 years-experience providing technical support on hearing protection, training, support for 3M technologies to aid communication in noise and 3M noise, heat stress, and environmental air quality monitoring instrumentation. He is a certified occupational hearing conservationist and has served as chair of the Council for Accreditation in Occupational Hearing Conservation, president of the National Hearing Conservation Association, and chair of the Noise Committee and Fellow of the American Industrial Hygiene Association. Most of all, he cares about your ears.

.....

Topic/Presentation Synopsis:

Understanding hazards is the first step to effectively managing them. As we learn more about noise (both the physical and psychophysical aspects), we gain better understanding of how to manage hearing loss prevention efforts most effectively. This session will address noise measurement and noise exposure assessment; application and utility of noise measurement data; measures of hearing conservation program effectiveness; basic noise control applications; and other aspects of good hearing loss prevention program practice.

At the end of this presentation, the participant will be able to:

1. Assess risk of noise exposure using qualitative and quantitative approaches
2. Conduct initial assessment of noise control candidates
3. Review and analyze noise exposure data to draw effective conclusions
4. Design effective noise exposure reports and communication tools

First Aid, CPR and AED Certification

Eugene Satrun, CIH, CSP

Instructor-National Safety Council
First Aid/CPR/AED Program
Industrial Hygiene Advisor
Chicagoland Safety, Health & Environmental Conference
Steering Committee Member
18825 Marjorie Parkway, Mokena, IL 60448
Phone Number: 815.791.8782
E-mail: easatrun@comcast.net

Eugene Satrun has been teaching first aid/CPR and motorcycle safety classes for over 40 years. Initially first aid certified through the American Red Cross, he started teaching the National Safety Council classes 4 years ago. He is a full time Industrial Hygienist who also enjoys teaching in related areas.

.....

Topic/Presentation Synopsis:

The class includes video, work books, discussions, and hands on practice segments. It covers the basics of first aid including initial scene safety, patient evaluation, activation of EMS, and initial care/support. Adult CPR/AED will also be covered for the lay person. National Safety Council Green Cross Certifications will be issued at the successful completion of this class.

At the end of this presentation, the participant will be able to:

1. Recognize a potential medical emergency
2. Activate the emergency medical system
3. Provide initial care and support until help arrives

OSHA #7510
Introduction to OSHA for Small Businesses

Brent Bryden

Trainer, Instructor

National Safety Education Center

Phone Number: 815.742.0513

E-mail: brent.bryden@outlook.com

Brent Bryden boasts 30 years of manufacturing safety and environmental health experience. He is able to facilitate training for small, medium and large employers with a wide range of needs. His passion is to educate the basics to form strong safety foundations within an organization through training and education. Brent strives to effectively manage the elements of hose safety programs for its employees and the companies they represent. Continuous improvement in safety training is his vision and maintaining a level of service to provide quality products, practices and services driven to achieve positive results is his goal.

.....

Topic/Presentation Synopsis:

This course covers an introduction to the Occupational Safety and Health Administration (OSHA) and the OSH Act for owners and managers of small businesses. Course topics include an introduction to OSHA, OSHA Standards, the inspection process, implementing a safety and health program, worker training requirements and assistance available to small businesses. Upon course completion students will understand OSHA operations and procedures and how to work with OSHA to prevent or reduce injuries and illnesses in their workplace.

At the end of this presentation, the participant will be able to:

1. Learn to reduce and prevent injuries
2. Identify assistance available
3. Learn to implement a safety and health program

Safety Incentive Programs that Work

Jerry VanOort

CEO

intRatrain and inspectiTRAC by Russell Associates

229 South Main Street

Le Sueur, MN 56058

Phone Number: 570.665.6266

E-mail: jerry@intratrain.com

jennifer@intratrain.com

Jerry VanOort, CEO of Russell Associates, has over twenty five years' experience in the fields of operations and general management, employee training and development management. He has dealt with the demands and requirements of complying with government regulations, the challenges of creating a safe work environment, and managing risk exposure.

.....

Topic/Presentation Synopsis:

Many times companies conduct safety incentive programs that do not accomplish much or may even be counter-productive. If you have a safety incentive program or are considering one, this presentation will help you avoid some of these pitfalls and help you design a proactive safety incentive program that works.

At the end of this presentation, the participant will be able to:

1. Define the safety incentive program need and benefits.
2. Describe the difference between passive and proactive safety incentive programs
3. Design a proactive incentive programs that works for their specific needs
4. Recommend methods of implementing a safety incentive program

Session T7

Tuesday, September 20, 2016

8:30 am – 10:00 am

Intermediate Level

How to Plan and Execute an Industrial Hygiene Sampling Survey

Bayless Kilgore, CIH, CSP, CHMM

Associate Principal

EnSafe Inc.

1148 College Street, Bowling Green KY 42101

Phone Number: 800.588.7962

E-mail: bkilgore@ensafe.com

Bayless Kilgore has over 20 years of occupational health and safety consulting experience assisting a wide variety of industrial and manufacturing clients. Bayless is the industrial hygiene project manager for several large corporations that provides oversight for hundreds of industrial hygiene sampling assessments each year.

.....

Topic/Presentation Synopsis:

This topic will be presented as HANDS-ON workshop, NOT a lecture. The workshop will include a mock qualitative IH assessment of a typical manufacturing plant. Attendees will develop a sampling plan, determine sampling methods, learn how to order equipment and supplies, calibrate air sampling pumps, place the sampling equipment on other attendees, prep samples for shipment, review the lab results and compare to occupational limits.

At the end of this presentation, the participant will be able to:

1. Understand the basics of a qualitative IH assessment (what needs to be sampled)
2. Develop a sampling plan and order sampling equipment and supplies
3. Calibrate sampling pumps and simulate sampling
4. Review the results and compare to occupational exposure limits

Managing Soil and Groundwater Cleanups in Illinois

Martin J. Hamper, PG

Senior Hydrogeologist

GZA GeoEnvironmental, Inc

915 Harger Road, Suite 330, Oakbrook, IL 60523

Phone Number: 630.323.3905 E-mail: martin.hamper@gza.com

Mr. Hamper has more than 30 years of experience focusing on environmental investigation, remediation, emergency response, safety, health, hydrogeology permitting, and compliance matters. He has performed a wide range of assignments in many industries including chemical, petroleum, primary and secondary metals, manufacturing, rail, pipeline, and waste management. Mr. Hamper has provided expert testimony on hazardous waste characterization, environmental compliance, groundwater flow, contaminant transport, cost recover, and remediation.

.....

Topic/Presentation Synopsis:

EHS professionals are often called upon to manage soil and groundwater cleanups at their facility. The contamination at the facility may be due to a recent spill or to historic releases from unknown sources. Cleanups may be required or could be voluntary depending on the circumstances. Participants in this session will be provided with an introduction into the regulatory landscape for risk-based soil and groundwater cleanups in Illinois, and with an overview investigation and remediation technologies. With this introduction, participants can better minimize costs and control schedule for cleanups at their facility.

At the end of this presentation, the participant will be able to:

1. Understand Illinois risk-based soil and groundwater cleanup programs
2. Understand risk-based approaches to establishing soil, soil gas, and groundwater clean up standards
3. Better evaluate investigation and remediation options to minimize cost and control schedule

OSHA Process Safety Management Overview

Michael Serpe

President

SafetyFirstna, Inc

5817 North Mobile Avenue

Chicago, IL 60646

Phone Number: 773.447.3982 E-mail: michael_a_serpe@yahoo.com

Michael Serpe, BSME, CSP is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS Training for Corporations, OSHA-Style Audits, and customized Company EHS Policy and Procedures.

.....

Topic/Presentation Synopsis:

Unexpected releases of toxic, reactive or flammable liquids and gases in processes involving highly hazardous chemicals have been reported for many years, in various industries in America. Where employers use highly hazardous chemical, there is a potential for an accidental release any time they are not properly controlled, creating the possibility of disaster. This seminar will review the need for process safety, the background and history of process safety management and cover OSHA's 1910.119 'Process Safety Management of Highly Hazardous Chemicals'.

At the end of this presentation, the participant will be able to:

1. Describe the fourteen elements necessary to establish and maintain health and safety for processes that involve highly hazardous chemicals.
2. Explain the potential consequences associated with the uncontrolled release of highly hazardous chemicals.
3. Discuss the resources that need to be developed and applied by management in order to establish, implement and maintain an OSHA compliant Process Safety Management Program.

Training for the Ever Changing Workplace

Jerry VanOort

CEO

intRatrain and inspectiTRAC by Russell Associates

229 South Main Street

Le Sueur, MN 56058

Phone Number: 570.665.6266

E-mail: jerry@intratrain.com

jennifer@intratrain.com

Jerry VanOort, CEO of Russell Associates, has over twenty five years' experience in the fields of operations and general management, employee training and development management. He has dealt with the demands and requirements of complying with government regulations, the challenges of creating a safe work environment, and managing risk exposure.

.....

Topic/Presentation Synopsis:

Seasonal, Temporary, Aging, New Hires....How do you develop, deliver, and manage training when you don't know who your workers are or how long they will be with your organization? Discover how to eliminate and reduce barriers and how to develop resources and materials that provide results while being flexible and adaptable enough to meet the needs of multiple types of employees.

At the end of this presentation, the participant will be able to:

1. Upon completion, participants will be able to describe many of the issues related to a changing workforce.
2. Upon completion, participants will be able to recommend solutions for training different types of workers.
3. Upon completion, participants will be able to remove barriers to learning by developing training that meets learner's needs.

Session T11

Tuesday, September 20, 2016

10:00 am – 11:45 am

Basic Level

What is Sustainability and Where can it Take Your Company Measuring How Modern Companies Compete and Succeed on Sustainability

Audra Pavilcius Karalius - Counsel & Sustainability Advisor

Boodell & Domanskis, LLC - 353 N. Clark St. Ste 1800, Chicago, IL 60654

Phone Number: 312.219.8540 E-mail: akaralius@boodlaw.com

Todd Fein

CEO - Green Diamond Solutions - 4513 4th Road North, Arlington, VA 22203

Phone Number: 703.861.0823 E-mail: info@greendiamondsolutions.com

Audra Pavilcius Karalius has successfully managed legal and business opportunities at Nalco Chemical Company, Argonne National Laboratory and Sara Lee Corporation, served as Vice President, Sustainability, Environment and Safety. She excels at evaluating complex business issues, regulatory requirements and risks, sustainability trends and developing insightful, comprehensive business solutions. Todd Fein founded green Diamond to help organizations at the intersection of Big Data and Sustainability. Todd's engineering and finance degrees and his Department of State fellowship, give him the vision to develop powerful, yet easy-to-use tools that automate the KPI's organizations need to measure, optimize, and sustain their long-term performance.

.....

Topic/Presentation Synopsis:

A discussion of how sustainability is defined and the opportunities it presents a business. Sustainability Intelligence (SI) is the pinnacle of Business Intelligence maturity where companies evaluate the triple bottom line to provide a holistic view of sustainability. Leading SI organizations conduct next generation P&L, predicting the outcomes and using analytics to prescribe actions along with gamification to teach, change behavior and achieve breakthroughs to complex challenges.

At the end of this presentation, the participant will be able to:

1. Discuss what sustainability means.
2. Identify opportunities sustainability can offer a business
3. Understand the Value and Need for your organization to think of automation as it relates to the Triple Bottom Line.
4. Describe the natural maturity of Sustainability Intelligence (SI)
5. Realize the value in leveraging your current investments in solutions as an easier transition to enhancing your current data delivery for more effective decisions around Sustainability.

RCRA Annual Refresher Training

Martin Hamper, PG

Senior Hydrogeologist - GZA GeoEnvironmental, Inc
915 Harger Road, Suite 330, Oakbrook, IL 60523
Phone Number: 630.323.3905 E-mail: martin.hamper@gza.com

Mr. Hamper has more than 30 years-experience focusing on environmental investigation, remediation, emergency response, safety, health, hydrogeology permitting, and compliance matters. He has performed a wide range of assignments in many industries including chemical, petroleum, primary and secondary metals, manufacturing, rail, pipeline, and waste management. Mr. Hamper has provided expert testimony on hazardous waste characterization, environmental compliance, groundwater flow, contaminant transport, cost recovery, and remediation.

.....

Topic/Presentation Synopsis:

Experienced environmental managers can include this presentation as part of their annual RCRA training program. Participants' new to environmental compliance will receive a good introduction to the RCRA program. An overview of hazardous waste regulations will be provided with specific emphasis on generator requirements; waste analysis, container management practices; satellite accumulation, etc. RCRA regulates the 'cradle to grave' management of hazardous wastes. This presentation will also discuss the Federal and State relationship, how RCRA manages wastes and other substances, and RCRA's role in the cleanup of historic pollution problems.

At the end of this presentation, the participant will be able to:

1. Better understand the basic statutory, regulatory, permitting and enforcement structure of RCRA.
2. Use this training towards their required Annual RCRA Training requirements.
3. Better understand the day to day requirements for storing hazardous waste, used oil and universal wastes.

Session T13
Tuesday, September 20, 2016
10:15 an – 11:45 am
Basic Level

Prevention of Amputations in Industry

Michael Serpe

President - SafetyFirstna, Inc

5817 North Mobile Avenue - Chicago, IL 60646

Phone Number: 773.447.3982 E-mail: michael_a_serpe@yahoo.com

Michael Serpe, BSME, CSP is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS Training for Corporations, OSHA-Style Audits, and customized Company EHS Policy and Procedures.

.....

Topic/Presentation Synopsis:

Good machine guarding is essential for ongoing accident-free production operations. Yet catastrophic machine-guarding accidents continue to occur. This presentation will review OSHA's fundamental machine guarding requirements found in CFR 1910 Subpart 1, and OSHA's National Emphasis Program on Amputation (Directive Number: CPL 03-00-019; reissued on 8-13-2015).

We will discuss recognition of machine injury hazards and techniques used for machine hazard prevention and control. We will review the traumatic nature of worker machine guarding related amputation injuries in the context of OSHA's NEP Inspection Program for the prevention of amputations. At the end of this presentation, the participant will be able to:

1. Describe the classes of machines that OSHA has identified which cause the majority of amputation injuries, the '3 S's and a P'
2. Identify and recognize machine guarding hazards and methods employed for their control.
3. Demonstrate an understanding of OSHA's requirements for Point of Operation Guarding and for CFR Part 1910 Subpart 1 'Machine Guarding'.
4. Develop an understanding of OSHA's National Emphasis Program on Amputations.

Fleet Safety Management **What HSE Professionals Need to Know**

Charlie Halfen

Transportation Safety Practice Leader
ESIS

107 Trout Valley Road, Trout Valley, IL 60013

Phone Number: 224.343.7888

E-mail: Charlie.halfen@esis.com

Charlie Halfen is the Transportation Practice Specialty Leader for ESIS, Inc. with more than 35 years in HSE. He was with United Parcel Service for over 28 years retiring as Corporate Fleet Safety Manager in charge of auto accident prevention, investigation, training and regulatory compliance for over 120,000 drivers worldwide.

Topic/Presentation Synopsis:

To many companies, crash trends go up and down over the years with no consistent improvement. Many believe that auto crashes are based purely on chance. Nothing is further from the truth. All crashes can be reduced by the reduction of unsafe driving behaviors. Crashes can be prevented!

At the end of this presentation, the participant will be able to:

1. Understand what causes auto crashes
2. Understand how to prevent auto crashes
3. Understand how to hold drivers accountable to drive safely

Session T15
Tuesday, September 20, 2016
1:15 pm – 4:30 pm
Basic Level

The Bad Ergonomics of Order Fulfillment (...and what to do about it!)

Mike Lee

Vice President - TAWI USA - 683 Executive Drive, Willowbrook, IL 60527
Phone Number: 630.655.2905 E-mail: mlee@TAWI.usa.com

Jim Galante

Chairman - EASE Council - 8720 Red Oak Blvd. Charlotte, NC 28217
Phone Number: 207.329.5555 E-mail: JJG@SouthworthProducts.com

Mike Lee-Vice President of TAWI USA with over 25 years' experience in the application and use of overhead ergonomic lifting equipment. He is one of the most experienced individuals in the US having supplied over 100,000 lifting and positioning devices to companies worldwide.

Jim Galante has 48 years of experience in the material handling industry. He has worked with and visited hundreds of facilities to conduct material handling task evaluations. He is largely responsible for and was a principle editor of the Ergonomic Guidelines for Manual Material Handling.

.....
Topic/Presentation Synopsis:

Millions of cases of goods are manually picked in stock rooms, warehouses and distribution centers every day. Merchandise is collected on pallets or containers and shipped to the back room of stores, where the merchandise is often transferred to cart and then finally from carts to store shelves. This labor intense task has changed little over the year. But shelves have grown in height and depth, goods are more densely displayed and the cardboard packaging more flimsy. The cost of labor, their benefits and their training are all more expensive. Plus, obesity and aging of the workforce along with demands on those employees to get the work done quicker has never been higher. This fast moving, highly illustrated session deals with ways to implement better manual handling devices throughout the process which can improve the ergonomics, reduce much of the stress on the employee, while increasing their efficiency and productivity.

At the end of this presentation, the participant will be able to:

1. Better understand and define manual material handling issues.
2. Present the scope of the problem across a variety of industries
3. Illustrate and describe reasonable and practical engineering interventions

Is Your Training Achieving the Right Blend?

Jerry VanOort

CEO

intRatrain and inspectiTRAC by Russell Associates

229 South Main Street

Le Sueur, MN 56058

Phone Number: 570.665.6266

E-mail: jerry@intratrain.com

jennifer@intratrain.com

Jerry VanOort, CEO of Russell Associates, has over twenty five years' experience in the fields of operations and general management, employee training and development management. He has dealt with the demands and requirements of complying with government regulations, the challenges of creating a safe work environment, and managing risk exposure.

.....

Topic/Presentation Synopsis:

Quality training addresses the various learner styles and types. A blended approach that incorporates traditional and non-traditional methods can produce results and develop all employees more effectively and efficiently. Join us as we explore how to develop great training programs and develop, design and manage a blended learning program that works.

At the end of this presentation, the participant will be able to:

1. Describe the concept of blended learning in today's learning environment
2. Evaluate a blended learning program based on the components vs. the specific needs of their organization
3. Explain the benefits of a blended learning approach for developing and retaining employees
4. Develop a blended program designed to fit the needs of a variety of learning styles

Seeing is Believing!
Safety Eyewear Training & Certification

Neil Powell

Technical Specialist

Edge Safety Eyewear

1221 Marshall Way, Layton, UT 84041

Phone Number: 801.444.9396 x 165 office

801.698.8659 cell E-mail: neil.powell@edgeeyewear.com

Neil Powell has been educating companies on direct marketing and product branding with more than 30 years of experience in manufacturing. He assists with the implementation of procedures covering all aspects of marketing campaigns, from start up to end user development. Neil has always represented reliable companies that introduce valuable products and programs to the market. In recent years, he has turned his attention to corporate safety education, focusing directly on safety eyewear. Over the years he has seen the effect of inferior products on the health and welfare of the workforce, and it is his goal to change the way we view workforce safety.

Topic/Presentation Synopsis:

This course will bring new meaning to the phrase, “seeing is believing.” It is not often understood what qualifies eyewear to be labeled as safety certified. Sometimes it is not even understood that there are standards governing safety eyewear. This course will equip attendees with increased knowledge and understanding in the following areas: reasons to use safety eyewear, meeting safety standards, meeting testing requirements, and understanding standards enforcement.

At the end of this presentation, the participant will be able to:

1. Understand why it's important to wear safety-rated eyewear
2. Understand the requirements for eyewear to be safety-rated

Process Safety Management

Edward Gorman

Director-Loss Control Services
Aires Consulting
1550 Hubbard Ave, Batavia IL 60510
Phone Number: 630.726.2171
E-mail: egorman@airesconsulting.com

Edward Gorman is a Certified Safety Professional, working with Aires Consulting since 1999. He has a Master's Degree in Occupational Safety from Northern Illinois University. He has extensive experience in developing and auditing Process Safety programs in a variety of settings (Natural Gas Production, Ammonia, and small to medium sized chemical plants). Since 1974, he has been involved in safety, health and loss control efforts in both General Industry and Construction.

.....

Topic/Presentation Synopsis:

This session will discuss Process Safety Management, its elements, and why it must be fully integrated into every aspect of a sites operation. We will review the significant elements in developing a program and some of the pitfalls to making them successful.

At the end of this presentation, the participant will be able to:

1. Understand the elements
2. Key information required
3. Importance of involving the workforce

Session T19
Tuesday, September 20, 2016
1:15 pm – 2:45 pm
Basic Level

Permit Required Confined Space

Michael Serpe

President - SafetyFirstna, Inc
5817 North Mobile Avenue - Chicago, IL 60646
Phone Number: 773.447.3982 E-mail: michael_a_serpe@yahoo.com

Michael Serpe, BSME, CSP is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS Training for Corporations, OSHA-Style Audits, and customized Company EHS Policy and Procedures.

.....

Topic/Presentation Synopsis:

Work in confined spaces can be dangerous because the types of hazards workers encounter can be difficult to detect, and workers can have little or no experience with them. If effective confined space entry procedures are not established and implemented, workers may become trapped or overcome. Oxygen deficient atmospheres can be impossible to detect unless the air is properly tested. OSHA's requirements for entering Permit-Required Confined Spaces help ensure that all work will be carried out safely and properly. This seminar will cover OSHA's 1910.146 'Permit-Required Confined Spaces' requirements. We will also cover confined space hazard recognition, prevention and control.

At the end of this presentation, the participant will be able to:

1. Describe OSHA's requirements for establishing, implementing and maintaining a Permit-Entry Confined Space Program according to the requirements found in CFR Part 1910.146 'Permit-Required Confined Spaces'.
2. Explain the provisions needed to establish and maintain a good OSHA Permit-Required Confined Space Program.
3. Discuss the ways workers can get trapped or overcome in confined spaces and the precautions needed in order to provide prompt rescue, if an emergency occurs.
4. Recognize types of hazardous atmospheres that can exist, and other confined space hazards, and what must be done to recognize, prevent and control them.

A Hand Safety Assessment Goes Hand in Hand with Safety

Richard Brown

VP of Health, Safety & Environmental - Cestuline
25 South Main St, Homer City, PA 15748

Phone Number: 727.388.2016 E-mail: espsafety-gosafe@comcast.net

Richard C. Brown is a 26+ year health, safety & environmental professional with a BS in Safety Science and several graduate related courses as well from Indiana University of Pennsylvania. He is President & CEO of ESP Safety Consultants based outside Pittsburgh, PA and he is Cestuline's VP of Health, Safety & Environmental. He has experience across multiple business sectors including oil & gas, manufacturing, construction, food processing, transportation, wind and solar to name a few. He has presented across the globe on multiple safety topics and currently leads or is involved with several national consortiums including the STEPS of PA and National STEPS and is an Adjunct Professor at Butler Community College.

.....

Topic/Presentation Synopsis:

The Hand Safety Presentation will review how to conduct a formal Hand Safety Assessment (HAS) which includes a formal review of a company's most common job tasks while identifying potential hand hazards as well as a review of prior incident reports that are related to hand injuries. All applications, worker and management perceptions, and OSHA regulations are analyzed in this presentation. The participants will be able to produce a Hand Safety Assessment worksheet as well as a parallel Hand safety Protection Solution Report that will be reviewed with their own organization's representatives. The report will include the tasks reviewed, potential hazards observed and a solution to the hazard from a PPE/Hand Safety Protection perspective. The presentation will also offer an explanation of the potential trials that can be completed by Cestuline to evaluate the performance of gloves against the identified hazards and the trial will be monitored by a Cestuline Hand Safety Professional.

At the end of this presentation, the participant will be able to:

1. List all types of hand injuries as well as the potential hand hazards in general industry
2. Conduct a basic Hand Safety Assessment per a series of general tasks and duties
3. Demonstrate several potential control measures to assist in eliminating or minimizing potential hand hazards

How to Survive an Environmental Audit I Promise, I'm on Your Side

Amy B. Spann, PE, CHMM

Senior Project Director/Environmental Engineer
EnSafe, Inc

220 Athens Way, Suite 410, Nashville, TN 37228

Phone Number: 615.255.9300

E-mail: aspann@ensafe.com

Ms. Spann specialized in Title V, NESHAP, and PSD projects; storm water and wastewater permitting; hazardous waste management; TRI and Tier II reporting; SWPPP and SPCC Plans; and regulatory agency liaison. Ms. Spann is the service area lead for multimedia compliance auditing, has conducted over 100 multimedia audits, and served as project manager and lead auditor for multi-site domestic and international compliance audit projects.

.....

Topic/Presentation Synopsis:

Session will provide tips for surviving an environmental compliance audit from a 18-year audit veteran. From the initial in-brief to the site walk-around to the records review, learn what auditors are looking for and how to be prepared. Topics include: facility presentation; accessibility and organization of plans, permits, programs and reports; employee interviews; and common environmental audit findings. The goal of the session is to make the audit process less stressful, more valuable to your operations and end with no surprises.

At the end of this presentation, the participant will be able to:

1. Evaluate facility operations with a critical eye for an audit/inspection
2. Consolidate recordkeeping/files for quick access in an audit/inspection
3. Reduce audit findings

Microlearning for Success

Jerry VanOort

CEO

intRatrain and inspectiTRAC by Russell Associates

229 South Main Street - Le Sueur, MN 56058

Phone Number: 570.665.6266

E-mail: jerry@intratrain.com - jennifer@intratrain.com

Jerry VanOort, CEO of Russell Associates, has over twenty five years' experience in the fields of operations and general management, employee training and development management. He has dealt with the demands and requirements of complying with government regulations, the challenges of creating a safe work environment, and managing risk exposure.

.....

Topic/Presentation Synopsis:

Attention spans are shortening, technology use is expanding and employees still need to be trained. Now what? This session will explore the use of micro learning to meet the training needs of employees. How can micro learning address learning objectives and be efficient and effective? Join in to find out.

Complete the sentence below, starting the sentence below, starting the sentence with an active verb such as "create, describe, demonstrate, develop, define, identify, illustrate, list, locate, present, use." Remember the objective is what you will expect the learner to know, say or do after leaving your session. It is not what you are going to do.

At the end of this presentation, the participant will be able to:

1. Describe the concept of micro learning
2. Compare the micro learning to other traditional training techniques
3. Explain the benefits of micro learning for employee development, developing and retaining employees
4. Develop a micro learning training plan for a group of employees

Session T23
Tuesday, September 20, 2016
3:00 – 4:30 pm
Basic Level

Safety Management
Working with your Operations Team to Get Results

Arlene Farrar
Safety Director
ConAgra Foods
222 W. Merchandise mart Plaza, Suite 1300
Chicago, IL 60654
Phone Number: 312.549.5298
E-mail: Arlene.Farrar@conagrafoods.com

Arlene Farrar is a 'seasoned' EHS professional who has worked in the hazardous waste, sterilization, medical device, and most recently, food industries. She consider herself to "have the best job in the world" and is passionate about all things EHS.

.....

Topic/Presentation Synopsis:

Are you responsible for managing safety at your organization? Do you wear other hats-Environmental, Workers Comp, Security, Quality, Manufacturing Engineering, HR, Facilities Management, etc? How can you be effective while juggling so many things on your plate? Learn how to leverage the needs of your business and your internal customers (your coworkers) to harness the support for EHS and drive continuous improvement.

At the end of this presentation, the participant will be able to:

1. Leverage the needs of your team to achieve your EHS goals.
2. Drive accountability for EHS
3. Incorporate effective EHS tools to improve operational efficiency

Welding Safety

Michael Serpe

President

SafetyFirstna, Inc

5817 North Mobile Avenue - Chicago, IL 60646

Phone Number: 773.447.3982 E-mail: michael_a_serpe@yahoo.com

Michael Serpe, BSME, CSP is President and founder of SafetyFirstna, Inc. a Chicago-based Environmental, Health and Safety and health consultancy firm. SafetyFirstna, Inc. provides companies help with OSHA, DOT and EPA compliance, by providing customized OSHA & EHS Training for Corporations, OSHA-Style Audits, and customized Company EHS Policy and Procedures.

.....

Topic/Presentation Synopsis:

Welding and Hot work including cutting and brazing are hazardous activities that pose a unique combination of both safety and health risks to workers in many industries. This presentation will review OSHA's requirements for establishing and implementing an effective Welding, Cutting and Brazing safety program.

At the end of this presentation, the participant will be able to:

1. Identify the major causes of fires and explosions which result from performing Hot Work and Welding
2. Describe the controls needed in order for Hot Work and Welding operations to be performed safely.
3. Demonstrate an understanding of management's responsibility for establishing and implementing an employee safety and health program relating to Welding and other Hot Work activities, which comply with OSHA's requirements in CFR Part 1910 Subpart Q 'Welding, Cutting and Brazing'.
4. Describe the primary physical and health hazards associated with Welding, Cutting, Brazing and similar activities.

WEDNESDAY SESSIONS



What To Expect From OSHA In 2016 And Beyond...Civil and Criminal Liability
Implementing arc flash: lessons learned
Combustible Dust Hazard Awareness & Control; A Review of Available Resources
Driving or Diving with the Sharks
The Yin of Ergonomics
Performance Improvement through Influence; Overcoming Organizational Resistance and Enable Change
The Criminalization of Process Safety
Attack in the Heartland; A real world exercise for EHS. Are we prepared?
Be Ready If It Blows - Practical Solutions for Dust Collection Systems On Explosive Dust
TRI: How THEY Use Your Data
The Yang of Ergonomics
Safety Leadership & Engagement
GHS: The Top 10 Reasons Employers are Out of Compliance
From Compliance to Commitment: Fall Protection, OSHA, and the At-Risk Worker
5 Simple Ways to Make Your Desk Job Less Sedentary
EPA's "IMPROVED" Hazardous Waste Generator Rules: "HO HUM" OR INDUSTRY'S SURPRISE?
Using the United Nations 2030 Sustainable Development Goals to enhance EHS Long Range/
Best Practices for Planning Developing Sustainability Goals and Metrics
Forensic Architectural Investigations and Indoor Air Quality
Slips, Trips & Falls
Fire retardants and fire hazards: Current safety and health issues
Crucial Accountability: Tools for Resolving Violated Expectations and Broken Commitments
Shipping Hazardous Waste: Managing Both Your EPA and DOT Obligations
Run, Hide, Fight: Preparing for an Active Shooter in your Workplace
Is Safety a Priority for Your Organization? I HOPE NOT!

What to Expect from OSHA in 2016 and Beyond

Mark A. Lies II

Attorney, Partner

Seyfarth Shaw LLP

131 South Dearborn St. Suite 2400, Chicago IL 60603

Phone Number: 312.460.5877E-mail: mlies@seyfarth.com

Mark Lies is a Labor and Employment Attorney and Partner with Seyfarth Shaw. He specializes in Occupational Safety and Health Law and related employment law and personal injury litigation. He graduated from the University of Notre Dame in 1968 and DePaul University School of Law in 1974.

.....

Topic/Presentation Synopsis:

The program will discuss OSHA enforcement agendas for 2016 and beyond, managing civil and criminal liability of employers and managers. It will also provide recommendations to meet compliance requirements and how to respond to an OSHA inspection and citations.

At the end of this presentation, the participant will be able to:

1. Identify current OSHA enforcement agendas
2. How to develop compliance programs to avoid civil and criminal liability
3. How to respond to an OSHA inspection and citations

Implementing Arc Flash: Lessons Learned

Scott Coleman
EHS Project Manager
Underwriters Laboratories
333 Pfingsten Rd, Northbrook, IL 60064
Phone Number: 847.664.1139
E-mail: scott.coleman@ul.com

Scott Coleman is the EHS Project Manager for UL and is responsible for the electrical safety program. Scott served in the US Navy as an Electricians Mate and Fire Controlman and also taught basic electronics and electrical and advance electronics. Prior to UL, Scott led and assisted in the electrical safety for electrical maintenance mechanics including NFPA 70E, and leading over 100 manufacturing facilities in soliciting vendors to conduct arc flash analysis.

.....

Topic/Presentation Synopsis:

In recent years, the standard has become increasingly stringent in response to the increased understanding of electrical accidents in industrial plants and facilities. Because of the severe and often devastating consequences of arc flash incidents-which claim one life every workday-NFPA, along with the Occupational Health and Safety Administration (OSHA), is mandating and enforcing safer electrical work practices. Making every effort to comply is essential to avoid costly fines, as well as protecting a facility’s equipment and its greatest asset, its employees.

At the end of this presentation, the participant will be able to:

- 1. Understand why arc flash is relevant to your company
- 2. Understand the importance of vendors and arc flash risk assessments

Combustible Dust Hazard Awareness and Control A Review of Available Resources

Mark Knezovich

Industrial Hygienist

230 S. Dearborn St. Room 3244, Chicago, IL 60604

Phone Number: 312.886.6288 E-mail: Knezovich.mark@dol.gov

Amanda Zansitis

Civil Engineer for OSHA's Region V Enforcement Programs - OSHA

230 S. Dearborn St. Room 3244, Chicago, IL 60604

Phone Number: 312.886.3078 E-mail: Zansitis.amanda@dol.com

Mark is a senior industrial hygienist with OSHA Region V Enforcement Programs unit. He has been conducting, advising on, and reviewing combustible dust enforcement inspections conducted under OSHA's Combustible Dust National Emphasis Program since 2008.

Amanda is a civil engineer in OSHA's Region V Enforcement Programs unit. She has been reviewing and consulting on combustible dust enforcement inspections conducted under the National Emphasis Program since 2014.

.....

Topic/Presentation Synopsis:

This presentation will identify and briefly review the major resources available to assist employers with the identification and control of combustible dust hazards. A review of combustible dust fundamentals will be followed by a review of resources including OSHA guidance, CSB guidance, NFPA guidance, FM Global guidance, and general text book guidance. Information about how to obtain such guidance will also be included in this presentation.

At the end of this presentation, the participant will be able to

1. Understand the basic fundamentals of combustible dust fires, deflagrations, and explosions.
2. Be able to identify and locate combustible dust hazard guidance applicable to their specific industrial setting.

Driving or Diving with the Sharks

Allan Kaufman

National Chair of ASSE Distracted Driving Committee

Certified Fleet Safety Manager

Certified Driving Instructor-Smith Systems, National Safety Council

Phone Number: 847.372.3063

E-mail: scooba6@hotmail.com

Allan Kaufman is a safety professional with experience in a variety of areas. Mr. Kaufman was responsible for the Safety and Health of over 2,000 employees at Quest Diagnostics. His responsibility also included the Fleet Safety Manager, where he was responsible for the safety of over 700 drivers and a variety of vehicles. Additional responsibilities include OSHA, EPA and DOT compliance. This included Risk Management/worker compensation, safety raining, and hazardous waste management. Allan has spoken on safety for ASSE and other safety conferences. During the past 3 years he has been the National Chair for Distracted Driving for the American Society of Safety Engineers (ASSE). He was also awarded the National Safety Person of the Year by the Transportation Specialty Practice of ASSE for his work and leadership in Distracted Driving.

.....

Topic/Presentation Synopsis:

The presentation will give the attendees an overview of why distracted driving is so dangerous. It will explain the effects of trying to multi-task and drive. Statistics will emphasize why distracted driving is dangerous and costly to employers and employees. We will talk about new devices that both add to the problem and help stop it.

At the end of this presentation, the participant will be able to:

1. Understand how distracted driving will diminish brain activity.
2. People who multi-task do not do any tasks well and often miss things that could affect their safety and the safety of others.

The Yin of Ergonomics

Meredith A. Wayant, MPH, OTR/L, CIE, CHSP

Senior Loss Consultant

CCMSI

3333 Warrenville Rd. Suite 550, Lisle IL 60532

Phone Number: 630.649.6000

E-mail: mwayant@ccmsi.com

Meredith Wayant has over 28 years' experience in occupational health and safety. She has worked as an occupational therapist, safety manager (O'Hare International airport), and in consulting. Meredith holds a Master's degree in Public Health, is a licensed occupational therapist, with certifications in industrial ergonomics (CIE), Senior Disability Analyst, and healthcare safety professional (CHSP)

.....

Topic/Presentation Synopsis:

The session will focus on administrative and work practice controls an employer can use to help manage their ergonomics program. From training suggestions to work practice interventions, various strategies will be covered. Participants will be encouraged to also share their own experiences and recommendations.

At the end of this presentation, the participant will be able to:

1. Identify administrative controls to help reduce the risk of musculoskeletal disorders (MSD's) in the workplace.
2. Identify work practice controls to help reduce the risk of (MSD's).

Performance Improvement through Influence Overcoming Organizational Resistance and Enable Change

Brian Reinbold

Brian Reinbold

Founder, Perspective-Power.com

902 S. Randall Road, Suite 114

St. Charles, IL 60174

Phone Number: 312.753.8200

E-mail: brianreinbold@hotmail.com

Mr. Reinbold is an author and speaker in the fields of transformational self-development and personal growth. Over the course of his career, he has written and spoken on a variety of topics including Happiness, Optimism, Inspiration, Wellness, Personal Fitness, Relationships, Spirituality, even Astronomy! He has created audio and video programs and appeared on dozens of television and radio shows. Born in Montana and raised in North Dakota, Brian holds a Bachelor of Science degree in Business Administration from Valley City (ND) State University. Through his early work in sales and sales management, he discovered a great need for the principles of self-motivation and transformational personal growth, and he has endeavored to bring these ideas to a wide audience. His new book, *Your Personal Exodus*, due out June 2016 is highly anticipated and destined to become an international bestseller.

When not traveling the world, Brian makes his home in Chicago with his wife Sherry, visioning and planning their next adventure.

.....

Topic/Presentation Synopsis:

Performance Improvement through Influence; Overcoming Organizational Resistance and enable Change.

Topic Objectives:

1. Have an improved understanding of their own personal communication style.
2. Be able to recognize the communication style of others in their workplace.
3. Be capable of demonstrating measurable improvements in their personal effectiveness and the effectiveness of their organization through influence rather than force.

The Criminalization of Process Safety

Kevin Collins

Partner

Bracewell

111 Congress Ave, Suite 2300, Austin, TX 78701

Phone Number: 512.494.3640 office Phone Number: 512.924.0904 cell

E-mail: kevin.collins@bracewellllaw.com

Kevin Collins is a former Assistant U.S. Attorney for the Eastern District of Texas, where he prosecuted environmental and safety-related crimes. Now he helps companies respond to government investigations after industrial accidents and toxic releases. He was a key lawyer supporting the work of the BP U.S. Refineries Independent Safety Review Panel, which investigated the safety culture and corporate oversight of BP's North American refineries on behalf of a panel of experts chaired by former U.S. Secretary of State James A. Baker III.

.....

Topic/Presentation Synopsis:

The federal government continues to charge individuals for crimes that are based upon alleged violations of safety programs such as OSHA's PSM and EPA's RMP. In December 2015, the U.S. Department of Justice announced its renewed interest in a worker-endangerment initiative and asked all U.S. Attorneys to consider prosecuting safety-related crimes. OSHA, EPA and other investigative agencies are cross training and looking for opportunities to allege violation of environmental crimes as well as obstruction and false statements in an effort to increase punishment and deterrence. This presentation describes the statutes and penalties, reviews example cases, and attempts to help managers and safety professionals identify that important line between a safety mistake and a criminal act.

At the end of this presentation, the participant will be able to:

1. Describe the criminal statutes that apply to safety professionals
2. Understand how criminal agents select and investigate cases.
3. Identify the line between mistakes and criminal acts
4. List steps EHS professional can take to improve compliance programs

Session W8
Wednesday, September 21, 2016
10:15 am – 11:45 am
Intermediate Level

Attack in the Heartland
A Real World Exercise for EHS

David Tate

Past Chair, Indiana Department of Homeland Security Higher Education Committee
Director of Medical Laboratory Sciences,
Coordinator of Forensic Sciences
Now Retired
Purdue University
2025 Old Oak Drive, West Lafayette, IN 47906
Phone Number: 765.413.5711
E-mail: dgtate@purdue.edu

Mr. Tate holds undergraduate and graduate degrees from Purdue University and lectures throughout the United States and Canada on critical incident exercises as well as on the behavioral aspects of serial killers. He is married to his high school sweetheart and has a son at the CIA in New York.

.....

Topic/Presentation Synopsis:

ISIS continues to expand its terrorist reach throughout the world and into metropolitan cities. This group participatory exercise will focus on such an event within the Chicagoland area and explore how the EHS participants will respond in real time and how to involve the various agencies that would respond.

At the end of this presentation, the participant will be able to:

1. Demonstrate a working knowledge of the emergency management structure that will be used in all such events.
2. Describe the functions and capability of the span of control, resource management practices and integrated communications.
3. Understand the policies of the EMS, assess the incident situation, select appropriate resources, perform tactical direction and how to provide flexible and adaptable strategies.

**“Be Ready if it blows”
Practical Solutions for Dust Collection Systems on
Explosive Dust**

Mike Freeman

Partner/Sr. App Engineer/Chemical Engineer
Summit Filtration Technology
17929 W. Lincoln Ave, New Berlin, WI 53146
Phone Number: 847.722.2496 E-mail: mfreeman@summit-filtration.com

Paul Gilbert

Field Sales Engineer
Summit Filtration Technology
17929 W. Lincoln Ave, New Berlin, WI 53146
Phone Number: 847.899.5756 E-mail: pgilbert@summit-filtration.com

Mike Freeman has 22 years designing and installing industrial ventilation solutions. Ventilation, dust collection, energy efficiency, controls, maintenance and stack test experience. NFPA, EPA and OSHA regulation experience. Paul Gilbert has 30 years in manufacturing-owner and operations in Chicago. 7 years industrial ventilation system design and installation experience in Chicago.

.....

Topic/Presentation Synopsis:

Getting a dust collection solution for combustible dust can be daunting in today's world or ever changing regulations. Summit professionals will provide an overview of the practical approach to:

1. Understand your dust and how it is generated
2. Approaches to dust capture/containment
3. Choosing a Dust collector
4. Active or Passive Explosion protection

At the end of this presentation, the participant will be able to:

1. Appreciate why explosive dust is a problem
2. Understand what questions need to be asked and where to look for guidance
3. Understand the basic parts involved in a solution

TRI: How THEY USE YOUR DATA

Emilee Rana

Environmental Scientist

Sage Environmental Consulting

20 N. Wacker Drive Ste. 2825, Chicago IL 60606

Phone Number: 312.909.2339

E-mail: Emilee.rana@sageenvironmental.com

Emilee Rana has over four years' experience in environmental consulting, focusing on environmental compliance, regulatory reporting, and sustainability. She has experience with EPCRA/SARA, Hazardous Waste, NPDES, Environmental Management Systems, and Sustainability planning. She has served a variety of industries, including oil refineries, steel mills, chemical plants, general manufacturing and aviation.

.....

Topic/Presentation Synopsis:

Your annual TRI data is available to the public. It can draw attention to your facility from the public, the media, competitors, and regulators. Arm yourself with the knowledge of how this can be accessed, (mis)interpreted, and how to avoid an EPCRA inspection, to make your facility bulletproof.

At the end of this presentation, the participant will be able to:

1. Access TRI data for any facility using EPA software
2. Use competitors' TRI data to evaluate their own environmental performance
3. Know how to invite and avoid an EPCRA inspection

The Yang of Ergonomics

Meredith A. Wayant, MPH, OTR/L, CIE, CHSP

Senior Loss Consultant

CCMSI

3333 Warrenville Rd. Suite 550, Lisle IL 60532

Phone Number: 630.649.6000

E-mail: mwayant@ccmsi.com

Meredith Wayant has over 28 years' experience in occupational health and safety. She has worked as an occupational therapist, safety manager (O'Hare International airport), and in consulting. Meredith holds a Master's degree in Public Health, is a licensed occupational therapist, with certifications in industrial ergonomics (CIE), Senior Disability Analyst, and healthcare safety professional (CHSP).

.....

Topic/Presentation Synopsis:

This session will help the participant become familiar with some of the quantitative, evaluation tools that are available in the practice of ergonomics.

At the end of this presentation, the participant will be able to:

1. Identify quantitative tools for evaluation of upper extremity concerns.
2. Identify quantitative tools for evaluation of workplace forces, such as lifting and material handling tasks.

Safety Leadership and Engagement

WES SCOTT PHD, MPH, PE

Director, Consulting Services, National Safety Council
1121 Spring Lake Dr, Itasca, IL 60143
Phone Number: (630) 285-1121
E-mail: Wes.Scott@nsc.org

Dr. Scott, a retired military officer has over 30 years-experience in the engineering, environmental, biomedical, industrial hygiene and occupational safety and health fields.

Dr. Scott has worked with the US Army, The Army Corps of Engineers, Federal Emergency Management Agency, The Center for Intelligence and Smith Klein Medical Laboratories. He currently serves as the Director of Consulting and Training Services for the National Safety Council and is the lead Subject Matter Expert for Government, Healthcare, Aviation and Maritime.

.....

Topic/Presentation Synopsis:

Safety Management Leadership & Engagement: Your Role in Achieving Safety Excellence

Gain the self-confidence, knowledge and skills you need to recognize and assess your role in leading the implementation of an effective safety management system. This is for safety leaders, who wish to move their organization toward improved safety performance. You'll assess your personal safety management skills and learn a practical, long-range approach to the safety management process that ensures a high level of performance.

At the end of this presentation, the participant will be able to:

1. Understand the steps to move an organization toward improved safety performance.
2. Understand how to assess personal safety management skills and a practical, long-range improvement process for safety.

GHS: Top 10 Reasons Employers are Out of Compliance

Melissa McCaffrey

Director of Marketing & Communications
MSDSonline
222 W. Merchandise Mart Plaza
Suite 1750, Chicago, IL 60654
Phone Number: 312.881.2000
E-mail: ahetherington@msdsonline.com

Topic/Presentation Synopsis:

OSHA's June 1, 2016 GHS deadline is now in effect, requiring the millions of employers covered by the rule to be in full compliance with the changes. Learn the top 10 reasons employers are out of compliance and simple steps to getting on track.

At the end of this presentation, the participant will be able to:

1. Identify basic tenets of HazCom and the past GHS transition deadlines and corresponding obligations.
2. Recognize GHS adoption challenges throughout the chemical supply chain and understand OSHA's recent compensatory inspection guidance for evaluating compliance during the HazCom/OSHA transition.
3. List best practices and actionable steps for managing safety data sheets, container labels, employee training, and chemical inventories to ensure compliance with the final deadline and beyond.

From Compliance to Commitment **Fall Protection, OSHA and the At-Risk Worker**

Toby Rosenthal

Business Development & Marketing Manager
Diversified Fall Protection
24400 Sperry Drive, Cleveland, OH 44145
Phone Number: 440.348.9460
E-mail: Trosenthal@FallProtect.com

Toby Rosenthal is the Business Development Manager and lead content strategist for Diversified Fall Protection, a Cleveland-based provider of OSHA compliant turnkey fall protection solutions designed to keep employees safe while working at heights. Diversified Fall Protection is known throughout the fall protection industry for its educationally based approach to safety.

.....

Topic/Presentation Synopsis:

OSHA compliance is an important step towards building a safer work environment, but is compliance enough? Learn more about OSHA fall protection requirements and how to achieve organizational support needed to create a true safety culture that protects employees while working at heights.

At the end of this presentation, the participant will be able to:

1. Understand the basics of OSHA fall protection regulations
2. Distinguish between a compliant culture versus a safety culture
3. Understand how to achieve both C-Suite and frontline buy-in for a fall protection program.

5 Simple Ways to Make Your Desk Job Less Sedentary

Josh Kerst - Principal Ergonomist

Focal Upright Furniture - 616 Brierwood Ct. Ann Arbor, MI 48103
Phone Number: 734.707.3808 E-mail: josh@focalupright.com

Josh Kerst, CPE, CIE, is Executive Vice President and Principal Ergonomist with Focal Upright Furniture. Josh is an experienced, passionate and thoughtful leader in the field of ergonomics with an emphasis on activity-permissive designs that positively transform the way people work. Josh has design experience spanning across a variety of manufacturing, laboratory, office, retail, food service, transportation, and warehouse operations.

Notable Ergonomic Design Collaborations and Validation: Swiffer WetJet; Herman Miller Aeron Chair and Steelcase Leap Chair; Recycle One-Multi-purpose recycling collection vehicle and carts; McDonalds kitchen/restaurant/food storage layout; Set and wardrobe design for Broadway musical's "The Wiz" and "Shrek"; Mogo, Pivot, Mobis and Locus stand-assist seating and standing desks.

Josh holds a BSE (U of Michigan) in Industrial Engineering and is a Certified Professional Ergonomist (CPE), Certified Industrial Ergonomist (CIE), and is a member of the ANSI/BIFMA X5.1 Office Seating committee. Josh is a noted speaker who has participated in the fact paced Ignite Talks, ErgoX, and UCLA Ergo.

Topic/Presentation Synopsis:

The amount of time we spend in sedentary positions on any given day has dramatically increased over the last 25 years. Most people spend the majority of their daytime hours at work in a seated position, which has resulted in a wide variety of serious health risks. Focal ergonomist Josh Kerst will share the historical impact of the chair on our bodies and how it has shaped our perception. With overwhelming evidence supporting the need for movement within the work environment we can no longer ignore these risks. Find out what steps your organization should take to address this concern in this session and learn ways to positively impact performance and safety.

At the end of this presentation, the participant will be able to:

1. Access to a comprehensive review of the current body of scientific knowledge on sitting vs. standing vs. leaning/perching plus considerations and application guidelines to use in the workplace.
2. The implications of the aging workforce and on-going health challenges within the United States.
3. Objective data on the multitude of health benefits associated with regular periods of active movement (Standing, Learning, Perching, etc.)
4. Insight and highlights from NIOSH's 'Take a Stand' project
5. A rational and financially responsible approach to implementing Sit-Stand Workstations within your environments.

Session W16

Wednesday, September 21, 2016

1:15 pm – 2:45 pm

Basic Level

EPA's 'Improved' Hazardous Waste Generation Rules "HO HUM" or INDUSTRIES SURPRISE?

Kathy Doyle

Managing Director

Relief EHS, LLC

3732 Arthur Ave., Brookfield, IL 60513

Phone Number: 708.269.0692

E-mail: kathydoyle@reliefEHS.com

Kathy Doyle, CHMM, enjoys helping customers unscramble regulations and implement practical, effective, approaches to protecting worker safety and our environment. Kathy fees fortunate to have spent 25 years in the waste industry providing compliance guidance and solving problems with operations, EHS colleagues, sustainability staff, and Fortune 100 clients.

.....

Topic/Presentation Synopsis:

For the first time since the EPA was created the hazardous waste regulations, EPA is revamping their look and feel. Calling it the "Hazardous waste generator improvements rule," EPA's stated goal is to make these regulations easier to use; however, some new requirements are concerning industry. Learn about the changes and vote: "improvements" or "more regulation" or a "little of both."

At the end of this presentation, the participant will be able to:

1. Describe the proposed/new hazardous waste regulations and what make them "improved" as compared to the prior rules.
2. Explain what requirements EPA added and impacts to various industries.
3. Apply the new hazardous waste regulations in the workplace.

Using the United Nations 2030 Sustainable Development Goals Enhance EHS Long Range Planning. Best Practices for Developing Sustainability Goals and Metrics

Matthew Kovatch - Senior Manager - EHS Governance

AbbVie - 1401 Sheridan Rd., North Chicago, IL 60064

Phone Number: 847.937.6577 E-mail: matt.kovatch@abbvie.com

Kate Schrank - President

ESG Advisor LLC - PO 104, Bloomington, MI 49026

Phone Number: 630.363.1133 E-mail: kate.schrank@gmail.com

Matt has worked in the environment, health and safety field since 1990. His primary experiences encompass areas of petrochemical research, pharmaceutical R&D and current corporate governance. Matt has been with AbbVie since November 2000 and has held roles of managing AbbVie's compliance assurance & due diligence program, as well as environmental performance and sustainability.

Kate Schrank analyzes environmental, social and governance metrics for public companies, conducts ESG benchmarking, and helps companies develop corporate sustainability strategies and use standardized ESG metrics to communicate value to shareholders. Ms. Schrank has a background in environmental law and business.

Topic/Presentation Synopsis:

Matthew Kovatch-In September 2015, the United Nations adopted a set of sustainability development goals with a target date of 2030. Environmental footprint reduction, social responsibility, education and nutrition are just a few of the topics elements that touch our environmental, health and safety (EHS) profession. This presentation will outline how AbbVie has completed a gap analysis to align EHS long-range planning with this noble UN initiative.

Kate Schrank will discuss best practices for ESG disclosures, with a focus on choosing standardized ESG metrics that communicate progress on strategic goals.

At the end of this presentation, the participant will be able to:

1. Articulate an awareness and understanding of the United Nations Sustainability Goals of 2030.
2. Describe how one company (AbbVie) has used the United Nations goals as a roadmap to fortify and align their EHS Long Range Planning.
3. Develop a further appreciation for the worldwide educational, health, safety, occupational and wellness needs of under-developed communities around the world.
4. Describe how standardized ESG metrics for public companies are delivered to institutional investors and other stakeholders through financial service platforms like Bloomberg and MSCI.
5. Now, over 80% of the S&P 500 disclose at least a few ESG metrics to communicate the non-financial value of a company.
6. Increasingly, public companies use ESG benchmarks to assess competition, identify disclosure gaps, and look for opportunities and risks with suppliers and customers.

Forensic Architectural Investigations And Indoor Air Quality

Bradley Caddick

Senior Manager

Ramboll Environ

333 West Wacker Drive, Suite 2700, Chicago, IL

Phone Number: 312.288.3815

E-mail: bcaddick@environcorp.com

Brad Caddick, CSP is a Senior Manager with Ramboll Environ International Corporation, with over 15 years of industrial hygiene and environmental consulting experience, with particular expertise in microbial investigations and remediation design, indoor environmental quality (IEQ) assessment and occupational exposure assessments.

.....

Topic/Presentation Synopsis:

Forensic investigation can be advantageous in revealing sources that degrade indoor air quality. The collaboration between a forensic architect and a industrial hygienist during the remediation process maybe essential to fully correct there deficiencies. This presentation will illustrate how a forensic architect can assist an indoor air quality professional with diagnosing and remediating common building failures.

At the end of this presentation, the participant will be able to:

1. Develop an understanding of a forensic building assessment
2. Identify methods used by architects to complete a forensic investigation
3. Describe the common indoor air quality concerns and potential failures
4. Demonstrate the importance of collaboration during the remediation process

Slips, Trips and Falls

Don Phillips

Corporate EH&S Leader
NTN Americas

795 Kimberly Drive, Carol Stream IL 60188

Phone Number: 630.517.4802 E-mail: dphillips@ntnusa.com

Don Phillips has been involved in employee safety for more than 25 years, during which time he has consistently set the PASE (Positive attitude and Safety, Everyday) for employees to follow. He started as a union steward and founding member of the safety committee at DeMert & Dougherty's Coal City, Illinois manufacturing plant and has worked in safety for some of the largest corporations in their respective industries. He is currently the Corporate Environmental, Health & safety Leader for the NTN Americas Region. Don is a qualified OSHA Outreach Trainer in General Industry with experience and responsibilities that include developing and delivering safety training programs, facilitating safety committees and conducting safety audits. He also specializes in incident investigation, workers compensation and OSHA and EPA compliance.

.....

Topic/Presentation Synopsis:

Slips, trips and falls are consistently a leading cause of incidents and injuries in workplaces of all shapes and sizes. Unlike many industrial incidents, they don't discriminate and are just as likely in the office as on the shop floor. While the easiest solution is oft-heard "learn to walk", this presentation will look at the many ways we regularly set ourselves and employees up for a fall.

At the end of this presentation, the participant will be able to:

1. Identify root causes of slips, trips, and falls in the workplace
2. Understand how falls happen and how they can be prevented
3. Where to look for hidden fall hazards in your workplace

**Fire Retardants and Fire Hazards
Current Safety and Health Issues**

Salvatore Cali

Instructor, Research Industrial Hygienist - University of Illinois at Chicago
SPHW, 2121 West Taylor St. Chicago, IL 60612
Phone Number: 312.996.5722 E-mail: scali@uic.edu

Salvatore Cali, MPH, CIH, is an instructor, and research industrial hygienist at the University of Illinois at Chicago. He has 25 years of experience in exposure assessments and research involving indoor air quality, infection control, healthy homes, ambient air, water quality, and hazardous substances. He teaches academic, continuing education, and workforce development courses and coordinates research projects.

.....

Topic/Presentation Synopsis:

Many types of fire retardants are added to construction and consumer products. The efficacy of such fire retardants has been questioned due to an awareness of some types that have significant persistence in the environment. In addition, within the first responder community, there is concern about fire retardant contribution to the toxicity of combustion emissions from products treated with fire retardants. This presentation will outline and review the key issues, including combustion emission toxicity and assessment, types of fire retardants, mechanisms of fire inhibition, and environmental persistence of major classes of fire retardants. Contributions to the discussion from attendees are welcomed.

At the end of this presentation, the participant will be able to:

1. Understand combustion emissions toxicity and how it is assessed.
2. Be familiar with the major classes and usage of fire retardants.
3. Understand the mechanisms of fire inhibition for fire retardants.
4. Be familiar with the occurrence and concern over environmental persistence of some types of fire retardants.

Critical Accountability Tools for Resolving Violated Expectations and Broken Commitments

Ashely Dittmar

Crucial Accountability Master Trainer
VitalSmarts - 282 River Bend Lane, Provo UT 84604
Phone Number: 262.844.8334 E-mail: adittmar@vitalsmarts.com

Ashley Dittmar is passionate about helping people build cultures of candid and respectful dialogue. She has taught accountability skills to both frontline employees and executive teams. Ashley adapts the skills to the unique challenges of each group so they can achieve results that propel them toward business and life goals.

.....

Topic/Presentation Synopsis:

Top performers are gifted at holding other accountable. They know how to diagnose the underlying causes behind broken promises, violated expectations and bad behavior. In this engaging speech, participants will learn a high-leverage skill set that lies at the heart of problem solving and execution.

At the end of this presentation, the participant will be able to:

1. Diagnose the Underlying Cause. Identify the underlying cause behind every problem using a six-source model of possible influences.
2. Make it Motivating: Motivate others without resorting to threat or power and instead, search for and explain natural consequences of noncompliance.
3. Make it Easy: Involve others in coming up with a solution to their ability barriers
4. Stay Focused and Flexible: Skillfully attend to the problem of choice rather than getting sidetracked.

Shipping Hazardous Waste Managing Both Your EPA and DOT Obligations

Kathy Doyle

Managing Director

Relief EHS, LLC

3732 Arthur Ave., Brookfield, IL 60513

Phone Number: 708.269.0692

E-mail: kathydoyle@reliefEHS.com

Kathy Doyle, CHMM, enjoys helping customers unscramble regulations and implement practical, effective, approaches to protecting worker safety and our environment. Kathy fees fortunate to have spent 25 years in the waste industry providing compliance guidance and solving problems with operations, EHS colleagues, sustainability staff, and Fortune 100 clients.

.....

Topic/Presentation Synopsis:

DOT and EPA have come a long way in agreeing upon how hazardous waste should be shipped to provide “cradle to grave” tracking and over-the-road safety. However, doing it right is not always simple and if you throw in Universal Hazardous Waste, confusion easily follows. This session will cast light on the logic and language needed to waste shipments DOT and EPA compliant.

At the end of this presentation, the participant will be able to:

1. Identify a hazardous waste shipping description and key differences in that description from what’s found in the hazardous materials proper shipping name.
2. Explain some of the common errors in preparing and using manifests to ship hazardous waste and universal waste
3. Describe how hazardous waste and universal waste should be packaged, marked and labeled for shipment, including damaged batteries

Run, Hide, Fight **Preparing for an Active Shooter in your Workplace**

Mike Anders

Deputy Chief of Police
Naperville Police Department
1350 Aurora Ave. Naperville, IL 60540
Phone Number: 630.305.5476
E-mail: andersm@naperville.il.us

Deputy Chief Mike Anders oversees the Patrol Division and Communications Section of the Naperville Police Department. His past assignments included Special Response Team Commander and Deputy Emergency Management Coordinator. Anders is a graduate of the Senior Management Institute for Police Executives and Northwestern University School of Police staff and Command

.....

Topic/Presentation Synopsis:

This presentation will provide safety professionals the information they need to develop a plan for action in the event an active shooter targets their premise.

At the end of this presentation, the participant will be able to:

1. Describe actions targeted persons of active violence can take (Run, Hide, Fight)
2. Identify procedures to consider when developing active shooter response plans
3. Describe law enforcement's response, objectives, and expectations

Is Safety a Priority in Your Organization? I HOPE NOT!!

Greg Meyer
Robert Zima

Risk Specialists
Old Republic Construction Program Group
307 N. Michigan Ave. Chicago, IL 60601
Phone Number: 630.291.0033 E-mail: gmeyer1orcpg.com

Greg Meyer is a highly motivated safety professional with over 28 years’ experience in the field of safety. He has a proven record of accomplishment by integrating risk resources to improve a company’s safety culture, safety processes, productivity, efficiency, and ergonomics. Greg is responsible for overseeing the delivery of quality and efficient risk resources services to contractors in the Central Region of the United States. Greg also provides risk resources services to contractor accounts and OCIP/CCIP projects.

Robert Zima is a highly motivated safety professional with over 25 years’ experience in safety, accident investigation and claims management. He has a proven record of accomplishment by integrating risk resources to improve a company’s safety culture, safety processes, claims processes, productivity and efficiency. Robert is responsible for providing the delivery of quality and efficient risk resources services to contractors in the Central Region of the United States. He also provides risk resources services to contractor accounts and OCIP/CCIP (Wrap-up) projects.

.....
Topic/Presentation Synopsis:

- Discuss the moral, legal and regulatory impacts of Safety Culture on an organization
- Discuss the “Real” costs of losses to your organization
- Discuss impact of EMOD on an organizations bottom line and ability to do work in the future
- Discuss the importance and components of a good Accountability for Safety system
- Discuss a proactive approach to loss prevention
- Discuss the impact of drifting away from our cultural norms

At the end of this presentation, the participant will be able to:

1. Identify potential deficiencies in their organization’s safety culture
2. Have a better understanding of proactive vs. reactive safety activities that can affect a company’s bottom line.
3. Understand the importance in making safety a value and not a priority.

THURSDAY SESSIONS



Getting Them Out: Understanding Confined Space Rescue Requirements

The Hazards Within, Environmental Concerns in Buildings

Changes in ISO 14001:2015 - Workshop with practical exercises

Food Fight! Exposure Issues in the Food Industry

Packing Heat: Concealed Carry in the Workplace

What Goes Up, Must Come Down: Understanding Fall Rescue Requirements

Ten Years Later, An Update of Hexavalent Chromium Exposure in the Workplace

ISO 14001: 2015 Environmental Management Systems (EMS) for a New Era

Part 27, 6 CFR, Chemical Facility Anti-Terrorism Standards, (CFATS)

Going Green: Use of Medical Marijuana in the Workplace

The Facts About Aerial Work Platform Training – Understanding the Requirements and Avoiding the Myths

Ventilation Sucks – How to troubleshoot and design better ventilation for air contaminant controls

The Proposed ISO 45001 Occupational Health and Safety Management Systems Standard – Impact on Industry and the OSH Profession

Taking the Mystery out of Radon Testing & Mitigation

How Do You Pick a Respirator for Ebola? Control Banding for Biological and Infectious Aerosols

Hazard Communication: The Hazard Evaluation Process and YOU!

Session R1
Thursday, September 22, 2016
8:30 am – 10:00 am
Intermediate Level

Getting Them Out: Understanding Confined Space Rescue Requirements

James Lange, MS, CSP

Department Chair
Fox Valley Technical College
1825 N Bluemound Drive, Appleton, WI 54904
Phone Number: 920-735-2445
E-mail: langej@fvtc.edu

Jim is the Department Chair for the Safety Engineering Technology (SET) Department at Fox Valley Technical College. The SET Department offers courses leading to an AAS in SET, customized training solutions, and open enrollment seminars. He holds a BSE and MS in Occupational Safety and holds numerous health and safety certifications.

.....

Topic/Presentation Synopsis:

A majority of all confined space fatalities are would-be rescuers. This session will discuss and demonstrate the regulatory and practical requirements for conducting entry and non-entry confined space rescues. This session will be held outside using Fox Valley Technical College's new Mobile Safety Training Center.

At the end of this presentation, the participant will be able to:

1. Discuss the hazards inherent with conducting an entry confined space rescue.
2. Discuss potential obstacles preventing non-entry confined space rescue
3. Apply confined space rescue options to different confined spaces.

The Hazards Within, Environmental Concerns in Buildings

David Regelbrugge, CIH, CSP

Bureau Veritas North America, Inc.

4343 Commerce Ct., Ste. 120, Lisle, IL 60532

Phone Number: 630-487-9671

E-mail: david.regelbrugge@us.bureauveritas.com

Mr. Regelbrugge is an American Board Certified Industrial Hygienist (CIH) and Certified Safety Professional (CSP). He has almost 30 years of experience in the health and safety field. Over the years he has conducting thousands of exposure studies in variety of different fields including: manufacturing, healthcare, construction and education. His studies have helped his clients resolve some of their most challenging occupational health and safety issues. He is a former Board Member and President of the American Industrial Hygiene Association (AIHA) – Chicago and a frequent speaker at technical and scientific conferences.

.....

Topic/Presentation Synopsis:

A survey conducted by the United States Environmental Protection Agency (US EPA) found that people in the United States spend 87 percent of their time in an indoor environment. Of this, 69 percent of their time was spent at home, and 18 percent was spent in some other type of indoor environment, such as an office, school, etc. With so much time being spent in the indoor environment, you would think that people would be more concerned about the hazards lurking in the indoor environment. This presentation will address the hazards present in many indoor environments, including asbestos, lead, legionella, and many more. Whether you're a seasoned professional or new to the industry, this is a presentation you won't want to miss.

At the end of this presentation, the participant will be able to:

1. Have a thorough understanding or environmental concerns in building
2. Understand the various legal requirements, if any, when dealing with indoor hazards
3. Have a thorough understanding or environmental concerns in building
4. Understand the various legal requirements, if any, when dealing with indoor hazards
5. Know where and how to look for hazards within the indoor environment

Session R3

Thursday, September 22, 2016

8:30 am – 10:00 am

Intermediate Level

Changes in ISO 14001:2015 - Workshop with practical exercises

Betty Hosteny

Principal Consultant

Ramboll Environ

333 West Wacker Drive, Suite 2700

Chicago IL 60606

Phone Number: 847-910-0670

E-mail: bhosteny@ramboll.com

For over 25 years Betty Hosteny has provided strategic management consulting services to Fortune 100 companies around the world. For five years, she directed the North American ISO 14001 and OHSAS 18001 certification and training services for a global environmental, health and safety Registrar. Betty has conducted performance-based management system assessments for multi-site clients in over 25 countries and has instructed ISO 14001/OHSAS 18001 implementation and internal auditor training courses around the world.

.....

Topic/Presentation Synopsis:

To provide you and your company with the understanding and the tools to transition to ISO 14001:2015 efficiently and effectively.

At the end of this presentation, the participant will be able to:

1. Brief their own company on the changes to ISO 14001:2015 and the timetable for certification to the new standard; undertake a gap analysis at their company
2. Re-evaluate the business case for ISO 14001:2015 to gain commitment from top management
3. Identify the 'context' of your business (through a practical exercise) and understand how it affects the success of your environmental management system

Food Fight! Exposure Issues in the Food Industry

Theodore J. Hogan, PhD, CIH
Assistant Professor
Northern Illinois University
SG203, DeKalb, IL, 60439
Phone Number: 630-341-3939
E-mail: theodorejhogan@gmail.com

Dr. Hogan teaches safety, health and environmental sustainability at NIU. As an EHS consultant, he worked with over a dozen food production companies. Ted is a member of the ACGIH Threshold Limit Values Committee, which develops workplace chemical exposure guidelines.

.....

Topic/Presentation Synopsis:

Before a hot dog gets to your plate, workers along the food production chain may have been exposed to: hydrogen sulfide, pesticides, flavorings, dusty food ingredients, wood smoke, phosphine fumigant, caustics, cleaners/disinfectants, heat stress, infectious agents, bloodborne pathogens, and even ammonia gas. Most of these are not in your hot dog, but are used to ensure safe food processing. We will trace worker exposure risks embedded in each bite of food, and discuss the emerging impacts of climate change on food workers health.

At the end of this presentation, the participant will be able to:

1. Recognize the diversity of health and safety risks associated with food production
2. Discuss the general types of potential acute and chronic health effects of working with food production chemicals
3. Explain the specific hazards of cleaning/disinfecting chemicals used in most food production operations
4. Describe the emerging impacts of climate change on food production workers.

Packing Heat: Concealed Carry in the Workplace

Kristen Foley

Senior Assistant City Attorney - City of Naperville
400 S. Eagle Street - Naperville, IL
Phone Number: 630 305-5280 E-mail: foleyk@naperville.il.us

Kristen is a Senior Assistant City Attorney with the City of Naperville. She defends the City in a wide variety of litigation and manages the City’s Workers’ Compensation claims and litigated cases. Kristen focuses her practice on ways to reduce liability for the City.

Kristen graduated with the B.S. from Purdue University and a J.D. from John Marshall Law School. Kristen has spent the past 21 years representing units of local government in both state and federal court. She is a member of the DuPage and Will County Bar Associations and the Illinois State Bar Association.

Kristen has presented to the DuPage County Bar Association, the Illinois Local Government Lawyers Association and first presented at the CSHEC last year. She speaks on topics such as the ADA, Medical Marijuana, Concealed Carry and the Supreme Court’s decision of Reed v. Gilbert, involving the regulation of signs.

.....

Topic/Presentation Synopsis:

Discussion of the Illinois Concealed Carry Act, recent trends in the gun control debate, and a discussion about employment policies pertaining the firearms.

At the end of this presentation, the participant will be able to:

- 1. Understand the Illinois Firearm Concealed Carry Act
- 2. Develop policies that regulate the carrying of firearms in the workplace
- 3. Understand trends in the never ending gun control debate

What Goes Up, Must Come Down: Understanding Fall Rescue Requirements

James Lange, MS, CSP

Department Chair

Fox Valley Technical College

1825 N Bluemound Drive, Appleton, WI 54904

Phone Number: 920-735-2445

E-mail: langej@fvtc.edu

Jim is the Department Chair for the Safety Engineering Technology (SET) Department at Fox Valley Technical College. The SET Department offers courses leading to an AAS in SET, customized training solutions, and open enrollment seminars. He holds a BSE and MS in Occupational Safety and holds numerous health and safety certifications.

.....

Topic/Presentation Synopsis:

Many companies have fall protection requirements to help protect their, but many companies may not recognize the need to have a rescue plan. This session will discuss the hazards of fall arrest and demonstrate practical options for rescuing an employee following a fall. This session will be held outside using Fox Valley Technical College's new Mobile Safety Training Center.

At the end of this presentation, the participant will be able to:

1. Discuss potential injuries following a fall arrest
2. Discuss potential options to easily rescuing an employee post fall
3. Discuss potential system options for conducting a post-fall rescue

Session R 7

Thursday, September 22, 2016

10:15 am – 11:45 am

Intermediate Level

Ten Years Later, An Update of Hexavalent Chromium Exposure in the Workplace

Rod Harvey

Senior Director of Operations, Great Lakes Region

Bureau Veritas North America, Inc.

4343 Commerce Court, Lisle, Illinois 60532

Phone Number: 630-536-5901 E-mail: rod.harvey@us.bureauveritas.com

Mr. Harvey is the Senior Director of Operations for Bureau Veritas. Mr. Harvey has spent his entire professional career in environmental, health, and safety consulting and has over 29 years of experience. He is a Certified Industrial Hygienist, Certified Safety Professional, and a Professional Engineer in the state of Illinois

.....

Topic/Presentation Synopsis:

The OSHA Hexavalent Chromium (Cr VI) Standards for General Industry (29 CFR 1910.1026) and Construction (29 CFR 1926.1126) have been in place for almost ten years now but how have things changed? This presentation will explore the following:

- Characteristics and Properties of Hexavalent Chromium
- Effects of inhalation, skin exposure, and other exposures
- The OSHA Standard

In addition to the topics listed above, the presentation will discuss what we've learned over the past ten years; exposure strategies and control practices that have worked and haven't worked.

At the end of this presentation, the participant will be able to:

1. Identify activities that may lead to hexavalent chromium exposure in the workplace
2. Describe the effects of exposure to hexavalent chromium
3. Understand the purpose of exposure assessments and medical surveillance
4. Recognize methods of compliance that work

ISO 14001:2015 Environmental Management Systems (EMS) for a New Era

Heather Ingraham, CHMM

Principal Environmental Consultant
AECOM

100 South Wacker Drive, Suite 500, Chicago, Illinois 60606-4014

T 1.312.939.1000 F 1.312.939.4198

Phone Number: D 1.312.577.6474 C 1.312.282.2501

E-mail: Heather.Ingraham@aecom.com

Heather Ingraham, CHMM, is a Principal Environmental Consultant with over twenty years' experience leading and advising public and private sector organizations on strategies to establish and maintain effective environmental, health and safety compliance programs and management systems. She is also the conferences chair for the ASSE Environmental Practice Specialty.

.....

Topic/Presentation Synopsis:

This presentation will provide an orientation of the newly organized standard, as well as give insight into the updated focus, conceptual approach and registration benefits to applications of this standard, as well as an ISO 14001 system case study.

At the end of this presentation, the participant will be able to:

In this session, the participant will learn the following regarding the ISO 14001:2015 standard:

1. General outline and structure;
2. Review of concepts and emphasis;
3. Benefits and incentives;
4. Suggested approach to developing a new ISO 14001 EMS or updating existing ISO 14001 EMS to the 2004 standard; and
5. Case study of Best Practices and Challenges in implementing ISO 14001.

Session R9
Thursday, September 22, 2016
10:15 am – 11:45 am
Basic Level

**Part 27, 6 CFR, Chemical Facility Anti-Terrorism
Standards, (CFATS)**

Gregory A Wolff

Chemical Security Inspector, Region 5, Field Operations Branch,
Hammond, Indiana Field Office
ISCD/IP/NPPD US Department of Homeland Security
Arlington, VA
Phone Number: 202-400-8050
E-mail: Gregory.wolff@hq.dhs.gov

Gregory Wolff is a Credentialed Chemical Security Inspector, Inspections Security Compliance Division, U.S. Department of Homeland Security, CFATS regulatory program.

.....

Topic/Presentation Synopsis:

CFATS part 27, 6 CFR outreach Q&A session

At the end of this presentation, the participant will be able to:

1. Familiarize oneself with the CFATS Appendix A list
2. Understand the purpose of a CFATS Top Screen submission
3. Communicate with a local Chemical Security Inspector

Going Green: Use of Medical Marijuana in the Workplace

Kristen Foley

Senior Assistant City Attorney
City of Naperville
400 S. Eagle Street
Naperville, IL

Phone Number: 630 305-5280 E-mail: foleyk@naperville.il.us

Kristen is a Senior Assistant City Attorney with the City of Naperville. She defends the City in a wide variety of litigation and manages the City's Workers' Compensation claims and litigated cases. Kristen focuses her practice on ways to reduce liability for the City.

Kristen graduated with the B.S. from Purdue University and a J.D. from John Marshall Law School. Kristen has spent the past 21 years representing units of local government in both state and federal court. She is a member of the DuPage and Will County Bar Associations and the Illinois State Bar Association.

Kristen has presented to the DuPage County Bar Association, the Illinois Local Government Lawyers Association and first presented at the CSHEC last year. She speaks on topics such as the ADA, Medical Marijuana, Concealed Carry and the Supreme Court's decision of *Reed v. Gilbert*, involving the regulation of signs.

.....

Topic/Presentation Synopsis:

Medical marijuana is lawful in Illinois and some of your employees may now be using lawfully "the green". We will interactively discuss the Illinois Medical Marijuana laws, what's trending across the country and at the federal level with marijuana and whether employment laws are protecting marijuana users. We will also discuss cannabis drug testing policies and procedures.

At the end of this presentation, the participant will be able to:

1. Understand Illinois' medical marijuana laws
2. Understand court decisions involving the use of marijuana
3. Develop an employment policy regarding use of marijuana.

The Facts About Aerial Work Platform Training **Understanding the Requirements and Avoiding the Myths**

Gary Riley

Safety Education Representative, IPAF Senior Instructor
NES Rentals

8420 West Bryn Mawr, Suite 310 Chicago, IL 60631
Phone Number: 314.540.8839 E-mail: griley@nesrentals.com

Mr. Gary Riley is a recognized aerial work platform expert with over 25 years of hand-on experience in the Aerial Work Platform (AWP) industry. Mr. Riley has served in many roles including equipment field service, risk management and training. He has worked on product improvements with AWP manufacturers and assists associations, unions and other organizations in establishing their AWP Operator Training programs. Based on Mr. Riley's experience and qualifications, he has presented on safety topics related to the AWP industry for organizations and conference events such as the Aerial Platform Safety Conference (APSC), Construction Safety Conference (CSC), Safe Access Fall Protection & Training (SAF-T), Aerial Platform Council (APC), scaffold and Access Industry Association (SAIA), IPAF Annual Summit and Traveler's Insurance Safety Academies. Most recently Mr. Riley was nominated and short listed for the 2015 (IAPA) International Awards for Powered Access for the Instructor of the year.

.....

Topic/Presentation Synopsis: Companies that use aerial work platforms (AWP's) need to know the facts about what is required in a compliant training program, what their management responsibilities are, what the standards and regulations say about the safe use of AWP's, and how best to select the right training program for their workers. This interactive ½ day seminar will identify common causes of accidents involving AWP's, review industry trends, define what is contained in a high-quality training program and look closely at what companies are required to do for training their employees. In addition, the program will provide a comprehensive live demonstration of the method for conducting a pre-start inspection of an AWP.

At the end of this presentation, the participant will be able to:

1. Identify what is required in an AWP training program
2. Understand requirements for safe use and training on AWP's
3. Gain a greater understanding of causes of accidents.
4. Determine the best method for selection of an AWP training program
5. Define their responsibilities as outlined in the ANSI Standard
6. Use the information presented to make informed decisions regarding the use of personal fall protection on AWP.
7. Understand the steps and processes necessary to conduct a proper and thorough pre-start inspection of an aerial lift.

Ventilation Sucks

How to troubleshoot and design better ventilation for Air Contaminant Control

Geoffrey J. Bacci MS, CIH

Senior Environmental Health Consultant
Aires Consulting – A division of Gallagher Bassett
1550 Hubbard
Batavia, IL 60510
Phone Number: 630 726 2176
E-mail: geoff_bacci@gbtpa.com

Mr. Bacci has consulted in Industrial Hygiene and Environmental Compliance for over 30 years. He has a specialty in designing engineering controls to lower employee exposure. He also has an expertise in ensuring controls are energy efficient, and meet EPA type regulations. Mr. Bacci has served multiple times as an expert in negotiations with OSHA on technical feasibility of ventilation systems.

.....

Topic/Presentation Synopsis:

Most Local exhaust Ventilation systems fail miserably to meet their objectives of lowering employee exposures. They fail to capture air contaminate before employees are exposed. Most systems are not energy efficient. This workshop will help participants troubleshoot existing systems and avoid pitfalls in new system implementation.

At the end of this presentation, the participant will be able to

1. Trouble shoot a local exhaust system
2. Understand basic engineering principles of collecting particles, gases and vapors
3. Understand the proper way to begin the design process
4. Understand Engineers and Contractor roles in local exhaust design/installation

Session R13

Thursday, September 22, 2016

1:15 pm – 4:30 pm

Intermediate Level

The Proposed ISO 45001 Occupational Health and Safety Management Systems Standard – Impact on Industry and the OSH Profession

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, CAE

Director, Practices and Standards - American Society of Safety Engineers (ASSE)

520 N. Northwest Highway, IL 60068 USA - www.asse.org

Phone Number: 847/768-3411 (T) 847/909-4501 (M) E-mail: TFisher@ASSE.Org

Tim serves as liaison to the ASSE Council on Practices and Standards (CoPS), and to provide managerial support in the overall administration and operation of the technical aspects of CoPS related programs and services for members and non-members.

Addresses technical SH&E issues related to ASSE and the practice of the profession.

Session Background: The recent tragedies at garment factories in Bangladesh have highlighted the need to do more to assure global worker safety and health. The International Organization for Standardization (ISO) is developing a global occupational health and safety (OH&S) standard intended to provide effective, real-world solutions for worker safety. The American National Standards Institute (ANSI) and the American Society of Safety Engineers (ASSE) are working together to engage U.S. stakeholders in this effort. This standard is going to have global impact on SH&E management in a wide variety of businesses and industries.

Topic/Presentation Synopsis:

This standard is going to have global impact on SH&E management in a wide variety of businesses and industries. Attendees will learn about this standard, its implementation, and its possible impact on industry and OSH profession.

Objectives:

- To give a successful presentation addressing the proposed ISO 45001 Standard and how it could be used in business and industry.
- Provide attendees with best practices and processes being considered by the United States for inclusion in the standard.
- Brochure Description: This presentation will explore the proposed ISO 45001 Standard and how it can be used in the petrochemical industry.

At the end of this presentation, the participant will be able to:

1. Understand the requirements of the standard
2. Understand the process and schedule for completion
3. Consider implementation strategies
4. Appreciate potential impact on industry and the OSH Profession
5. Understand ASSE's role in the process
6. Realize the necessity to start planning now

Taking the Mystery out of Radon Testing and Mitigation

Kirsten Schmidt

Illinois Emergency Management Agency Licensed Radon Measurement Professional
Radon Detection Specialists, Inc.
825 N Cass Avenue, Suite 310
Westmont, Illinois 60559
Phone Number: 630-325-4443
E-mail: kirstens@radondetection.net

After graduating from U of Illinois in Urbana-Champaign with a degree in Liberal Arts and obtaining another BA in English, Kirsten taught English for a short time before falling into the business of radon. This is her 27th year working with RDS in Westmont. She enjoys talking about radon with anyone who will lend an ear.

.....

Topic/Presentation Synopsis:

Explain why to test for radon, how to test for radon, and what to do with radon test results.

At the end of this presentation, the participant will be able to:

1. Articulate what radon is and where it comes from
2. Understand the risks of prolonged exposure to elevated radon levels
3. Know a few different ways homes, schools, daycares and places of business can be tested
4. Know what to do if elevated levels are detected

How Do You Pick a Respirator for Ebola? Control Banding for Biological and Infectious Aerosols

Lisa M Brosseau, ScD, CIH

Professor - University of Illinois at Chicago
School of Public Health, Division of EOHS, 2121 West Taylor Street,
Chicago IL 60612
Phone Number: 312-413-5185 E-mail: brosseau@uic.edu

Lisa Brosseau received her masters and doctoral degrees in industrial hygiene from the Harvard School of Public Health. Dr. Brosseau was an academic researcher and educator for 22 years at the University of Minnesota. In 2013 she accepted an academic position at the University of Illinois at Chicago where she directs the NIOSH-funded Illinois Education and Research Center and an ABET-accredited graduate industrial hygiene program. Her research interests include respiratory protection with a particular focus in healthcare settings and the design and delivery of workplace health and safety interventions in small businesses. She is an assistant editor for the BOHS Annals of Occupational Hygiene, member of the Journal of Occupational and Environmental Hygiene editorial board, and past chair of the ACGIH Board of Directors and TLVs for Chemical Substances Committee.

.....

Topic/Presentation Synopsis:

Most biological aerosols do not have occupational exposure guidelines or methods for quantifying personal exposures. Thus respirator selection cannot be made by comparing the maximum use concentration to an expected assigned protection factor. A control banding approach will be described and demonstrated using case studies from healthcare and other settings.

At the end of this presentation, the participant will be able to:

1. Describe conditions that contribute to the generation and dispersion of biologic aerosols in workplace settings.
2. Identify situations where respiratory protection may be required to protect workers from biologic or infectious aerosols.
3. Apply a control banding approach to select a respirator for biologic or infectious aerosols based on qualitative assessments of risk and exposure.

Hazard Communication, the Hazard Evaluation Process and You

Julie Hanebuth, CIH, CSP, MPH

Industrial Hygienist
Argonne National Lab
9700 S Cass Ave, Argonne, IL 60439
Phone Number: 630-252-8035
E-mail: jhanebuth@anl.gov

Ms. Hanebuth has 30 years of experience as a CIH and CSP with a MPH. Her experience has included industrial hygiene program management, industrial hygiene monitoring, safety surveys, and developing and performing worker training with emphasis on asbestos and hazardous materials. She has prepared customized health and safety manuals and implemented programs including exposure assessment, respiratory protection and hazard communication.

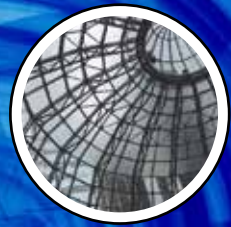
.....

Topic/Presentation Synopsis:

HazCom means hazard evaluation and communication. Hazard evaluation for a newly synthesized chemical or mixture in an R&D application is not so easy. Once the hazard evaluation is done, a GHS compliant SDS may be needed. There are challenges in determining the health and physical hazards of the newly synthesized chemical.

At the end of this presentation, the participant will be able to:

1. Understand when hazard evaluation and SDS is required
2. Understand data collection needs for hazard classification.
3. Understand how to make a defensible process for making a hazard evaluation and SDS



Aires Provides Solutions

Indoor Air Quality and Mold Assessments/Consulting
Occupational Safety and Health Consulting
Environmental Services
Asbestos Consulting
Asbestos/Mold Laboratory Services
Design/Construction Services
Training



Local Offices

Batavia, Illinois (Chicago Area)
Peoria, Illinois

Contact: Rich Rapacki
richrapacki@airesconsulting.com

Contact: Kevin Bannon
kevinbannon@airesconsulting.com

Toll Free: 800.247.3799



Rental • Sales • Service

Industrial Health, Safety and Environmental Equipment

Gas Detection • PPE • Respiratory • Fire Service • Fixed Systems • Lone Worker



We can picture helping you solve your unique challenges.

Stop by our booth to talk about them.

**800-332-0435 U.S.
800-361-3201 Canada**

ATSS COMPANY

**www.argus-hazco.com
info@argus-hazco.com**



www.cisonsite.com
866-298-1312

We provide onsite services that can directly reduce injuries, claims, and costs through our proactive solutions:

- Early Intervention Programs
- Onsite Physical/Occupational Therapy
- Case Management
- Bill Review

CIS onsite assists businesses in keeping their employees healthy and working.



MANY OF MY
PROFESSIONAL TRAINING
COURSES WERE **ACCEPTED**
AS **CREDIT** TOWARDS
MY DEGREE.

Patrick Rhinehart

2014 CSU Graduate
Occupational Safety & Health



**TEXTBOOKS
INCLUDED**

To learn more about our online safety degrees, visit
ColumbiaSouthern.edu/OSH or call **877.260.4048**.



**COLUMBIA
SOUTHERN
UNIVERSITY**

FLEXIBLE. AFFORDABLE. ONLINE.

Gainful employment information available at ColumbiaSouthern.edu/Disclosure

ATTN: ALL SAFETY FOOTWEAR PROGRAM MANAGERS

STEP UP...



To A Free ON-SITE KIOSK

Featuring a CustomFit website
Specifically fitted to your company,
employees and work environment

FREE SHIPPING & RETURNS

UP TO 25% SAVINGS!

Compared to other traditional safety
footwear provider services

To Our New QuickFit Collection



**FREE
OVERNIGHT
DELIVERY**
PERFECT FOR
NEW HIRES

Only **\$89**

2 Styles
Available

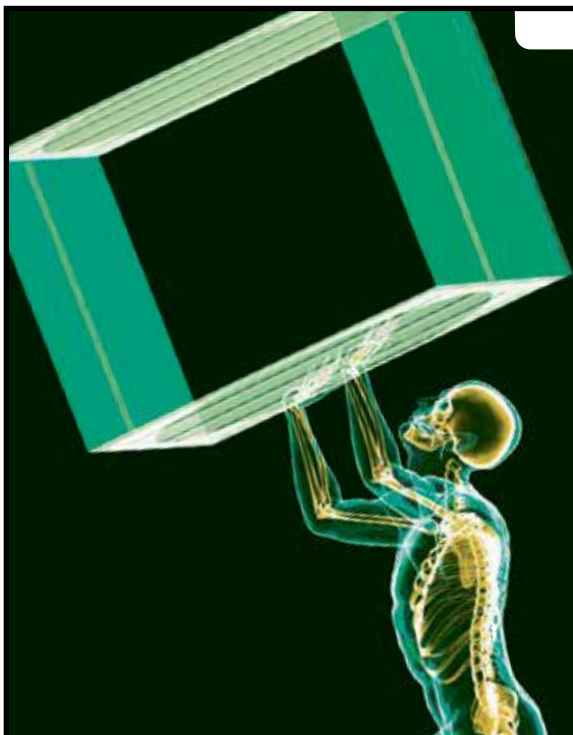


TO A LEANER SAFETY FOOTWEAR PROGRAM

VISIT US AT OUR BOOTH

Call 800.444.4086 or email
CustomFit@LehighOutfitters.com





Our nationally-renowned specialists will **get your employees back to work...**

Stronger than ever.

Top-ranked Workers' Compensation Care

Your employees deserve the very best orthopedic care. Specialists from the Rush orthopedic program, ranked 6th in the nation and highest in Illinois and Indiana by *U.S. News & World Report*, are ready to treat every orthopedic and spine issue. We'll quickly return your employees back to full health.

To schedule an expedited appointment, call 877-MD-BONES.
To learn more, visit RushOrtho.com/WorkersComp.

MIDWEST
ORTHOPAEDICS
at RUSH

IT'S HOW ORTHOPEDIC CARE SHOULD BE



CHICAGO • OAK PARK • WINFIELD • WESTCHESTER • NOW IN MUNSTER

The logo features the OSHA acronym in a large, bold, serif font. To the left of the 'O' is a circular icon composed of concentric blue and grey rings. To the right of 'OSHA' is the text 'Training Institute' on the top line and 'Education Centers' on the bottom line, both in a smaller serif font. A thin blue horizontal line is positioned below the text.

OSHA[®] Training Institute
Education Centers

National Safety Education Center

Since 1936

SAF-T-GARD®

International, Inc.



Electrical Safety
Products & Testing
Services from
the Voltgard®
Test Lab!



Safety Solutions for Industry

Phone: 1-800-548-GARD (4273)

Fax: 1-888-548-GARD (4273)

Order Online: www.saftgard.com



Celebrating 80 Years of Excellence!

Ergonomic handling solutions



We have your back: workers' health is your financial health

Whether lifting light or heavy loads, with Schmalz vacuum handling solutions you can handle various workpieces with speed, efficiency and ergonomic safety.

www.schmalz.us | schmalz@schmalz.us | Tel 919-713-0880



**PROTECTION
FOR EVERY
PURSUIT**


SHOWA

Always Innovating. Never Imitating.

SHOWAgroup.com



EHS Software Platform

FAST • EASY • ENGAGING • MOBILE

- Audit & Inspection
- Compliance Management
- Corrective Action
- Ergonomics
- Incident Management
- Management of Change
- On-Demand Training
- Performance Metrics
- Reporting & Dashboards
- Risk Analysis
- Safety Meetings
- Training Management
- MSDS/Chemical Management

MSDSonline is a VelocityEHS Solution

**Catch our GHS presentation
on 9/21 at 1:45pm**

Reach your EHS Goals Faster.



EHS.com • 1.312.881.2000



Protecting: People • Property • Profits

SECURITY CONSULTING • INVESTIGATIONS
PROTECTIVE SERVICES • CRISIS MANAGEMENT
CYBER SECURITY • COMPUTER FORENSICS

*Offering solutions to help organizations with their
governance, risk management and compliance needs.*



+1 630.250.3100



www.integritysci.com



Process Safety and Reliability Group

Global HSSE Solutions & Services



PSRG is a full service, integrated HSSE consulting and training firm specializing in process safety, risk management, occupational health and safety, fire protection, emergency and crisis management, and security risk management.

- Process Safety & Risk Management
- Offshore HSE
- Occupational Safety & Health
- Environmental & Quality
- Fire Protection
- Process Plant Reliability
- Security Assessment and Planning
- Training

Have A Safe Day!

10 S. Riverside Plaza, Suite 1800, Chicago, IL 60606
+1 (312) 474 6165 | psrgchicago@psrg.com | psrg.com

FOR SAFETY FOOTWEAR WE'LL COME TO YOU...OR YOU CAN COME TO US

**Featuring ultimate comfort HYTEST safety shoes.
Schedule efficient shoemobile service to you or visit our store at:**

**Hy-Test Safety Shoe Service
4607 W. 136th Street
Crestwood, IL 60445
708-371-2345
crestwood@htsafetyshoes.com**



Acoustic Associates, Ltd.

A decorative horizontal line composed of 24 vertical blue bars of varying heights, creating a stylized, rhythmic pattern.

Experts in Hearing & Noise

Join ASSE for

What's next

in occupational safety and health

- Expand your network of safety professionals
- Gain access to safety best practices & solutions
- Advance your safety career

Visit the ASSE Booth to Learn More.

www.asse.org



AMERICAN SOCIETY OF SAFETY ENGINEERS

520 N. Northwest Highway, Park Ridge, IL 60068

+1.847.699.2929 • Fax: +1.847.296.3769 • www.asse.org

[illegible]

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.

[illegible]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.