

NEWSLETTER



August 2009

www.sw-asse.org

Protecting North Texas and the Dallas Metroplex since 1937

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August	No Meeting
September – 15 th (tentative), Tuesday	Location Pending

All meetings (except QUOIN) are located at the Crowne Plaza Hotel – 14315 Midway Rd, Addison except when stated otherwise.

In this Issue:

- *September Meeting*
- *Mailing Information*
- *Summer Heat*
- *New Chapter Officers*
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- *From the Editor*

Check out the website! <http://www.sw-asse.org>

If you have something that needs to be mailed to the chapter, please send to this address:

**SW-ASSE
6505 W. Park Blvd., Ste. 306 #115
Plano, TX 75093**



Wow! Is it hot or what!

Heat Stroke is the body's inability to regulate its core

temperature. As the body's water and salt supplies dwindle, its temperature rises to extreme levels.



Not sure if we have set records yet, but it sure feels like it!

Good time to have a safety meeting on heat exhaustion, heat stroke and dangers of too much sun!!!

Heat Exhaustion and Heat Stroke

Heat Exhaustion

Heat exhaustion occurs when the body is not able to maintain normal functions because of the excessive loss of body fluids and salts. The body is trying to protect itself from a greater rise in body temperature.

Symptoms:

- Heavy sweating
- Intense thirst
- Dizziness
- Loss of coordination
- Nausea and/or vomiting
- Cool, moist skin
- Weak and rapid pulse

Treatment:

- Remove victim to shaded place or cool area
- Lay victim down with feet elevated
- Apply wet cloths and fan vigorously
- Have the person drink water or watered-down electrolyte drinks every 15 minutes
- Seek medical attention for the victim.

Heat Stroke

Heat stroke is life-threatening emergency.

Symptoms:

- Red, dry, very hot skin
- Strong and rapid pulse
- Extreme disorientation
- Dilated pupils
- Unconsciousness and possibly convulsions
- Body temperature of 105° or higher

Treatment:

- Immediate medical attention
- Move person to shaded place or cooler area
- Loosen



Sweating is the body trying to cool itself off. Sweating is good!

When the body stops sweating, the body's natural water supply is used up.

- tight clothing
- Cool the individual by sponging the body with cool water> If all you have is ice water, warm it a bit by pouring water on to rags or towels and administer the water with the rags. Ice water or exceedingly cold water can through the distressed body into shock.
- Do not give the victim anything to drink.

Current Chapter Officers take office in July.

If you missed them on the Southwest ASSE Chapter website:

Elected Officers for '09-'10 chapter year:

- ◆ **Phil Bunker**, President
- ◆ **Lori Siegelman**, First Vice President
- ◆ **Jim Johnstone**, Treasurer
- ◆ **Michael Pierce**, Secretary
- ◆ **Rebecca Pederson**, Communications (not pictured)
- ◆ Delegates: **Bill Propes, Russell Payton, Richard Bourlon.**



The new Cowboy's Stadium opened this summer!

(Thank Steve for his work. We are still waiting on our Chapter tickets!) 😊

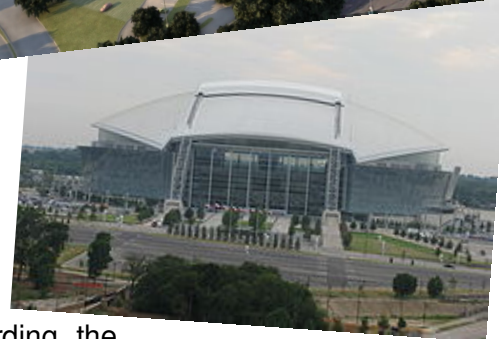
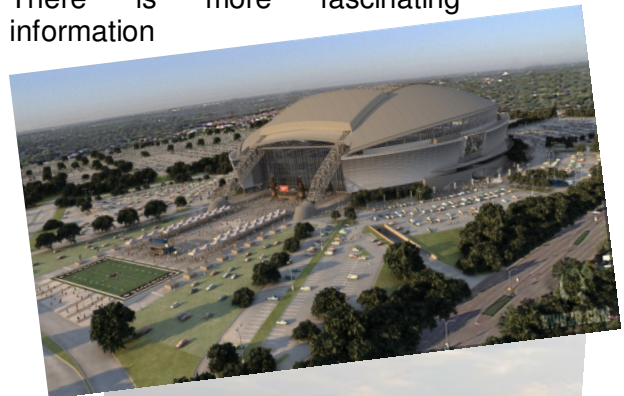
Some interesting facts:

- Seats 80,000 and can be increased to 100,000 capacity.
- The Statue of Liberty and its base can fit in the stadium with the roof closed.
- The American Airlines Center can fit entirely in the new stadium.
- It is the world's largest column free structure or room.
- It is the largest "enclosed" NFL stadium.
- One of the most expensive sports venues ever built.
- Two 300' tall arches, span the length of the stadium dome.
- Features the world's largest video display board or high-definition screen at 160' x 72'.
- 300 luxury suites, the most in NFL.
- Retractable roof, looks very similar to the iconic Texas Stadium roof, while maintaining

the trademark hole known for Texas Stadium and the Cowboys.

- Two open end zones with glass retractable doors.
- 286 Concessions points.
- 1600 toilets!

There is more fascinating information



regarding the local world renowned complex. Too much to cover here.

Just "google "Cowboy Stadium.

Happenings Around

25th Annual National VPPPA Conference (Voluntary Protection Programs Participants Association)

August 24, 2009 - August 27, 2009
San Antonio Marriott Rivercenter and
Riverwalk
San Antonio, TX

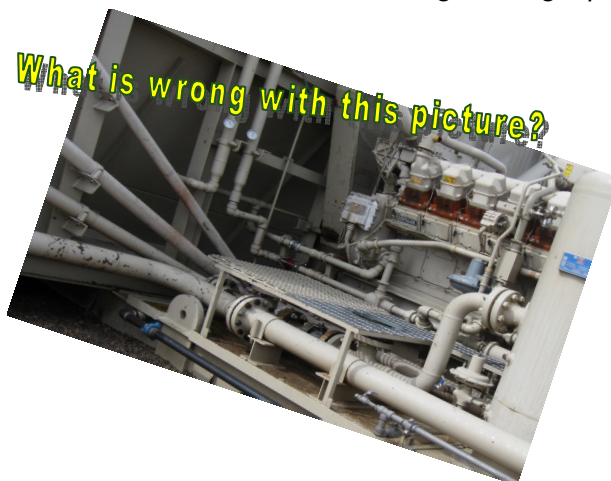
Webinar by local Mark Hansen Risk Assessment and Hazard Control - Systems Safety and Process Safety

August 26, 2009 at 11:00am Central/Noon
Eastern on Wednesday
Live, 60 minute webcast broadcast

This webinar will address System Safety and
Process Safety from the recently published
Safety Professionals Handbook by ASSE.

Introduces system
safety terminology
that is used in both
system and process
safety. Will discuss
the concepts of risk
and risk assessment
and how it applies to
hazard identification
and control.

Similarly, once
hazards are
identified we will
then discuss risk
mitigation and acceptability criteria. That is,
what level of risk from a particular hazard can be
deemed acceptable. We will follow with a
discussion regarding a few basic design
solutions for identified hazards. We will
introduce and provide an overview of some of
the more popular analysis techniques used in
system and process safety. Finally we will
discuss the hazard analysis worksheets as a
tool for executing system safety and process



safety.

WEBINAR Cost

- Member Price \$75.00
- AIHA/ACHMM \$85.00 (PLEASE NOTE:
When registering online, you must enter the
following coupon code for a \$10.00 discount:
AIHA1911 You may register online as a
"Non-Member" and enter this coupon code
into the field for "Registration Discount
Code.")
- List Price \$95.00

Speaker Biography

Mark D. Hansen, CSP, PE, CPEA, CPE

Mr. Hansen is the Vice President, Environmental
& Safety for Range Resources Corporation in Ft.
Worth, Texas. Mr. Hansen has over twenty-six
years experience in the field and holds
certifications in safety and ergonomics and is a
licensed professional engineer. Mr. Hansen has
a B.S. in Psychology and a M.S. in Industrial
Engineering, specializing in Safety, both from
Texas A&M University.

Mr. Hansen is currently the
Past-President and Fellow of
the American Society of
Safety Engineers (ASSE).
Mr. Hansen has authored
over 100 technical
publications. He has
published a book on career
development entitled, "Out of
the Box, Skills for Developing
Your Own Career Path,"
which was released in April
2002. He current has two

other books being developed, "Getting to the
Corner Office," and "Software Safety: The Last
Frontier,"

Mr. Hansen is the past recipient of the Edgar-
Queeny Monsanto Safety Professional of the
Year Award in 1992-1993 and the Culbertson
Outstanding Volunteer Service Award in 1991-
1992 issued by ASSE.



Reaching New Heights
 KNOXVILLE, TN • AUGUST 24-27, 2009
 Define Workscape • Analyze Hazards
 Develop and Implement Controls
 Perform Work • Feedback and Improvement



U.S. DEPARTMENT OF
ENERGY

2009 DOE Integrated Safety Management (ISM) Conference

August 24-27, 2009

at the Knoxville Convention Center for "Reaching New Heights," an exchange of ISM knowledge and experience. Check the [Invitation Memo](#) from Pat Worthington and Frank Russo for additional details.

Registration for the conference to **August 7, 2009**. The last date to sign up for one of the August 25 tours is July 31.

If you have questions or need assistance, contact [Paul Wasilko](#), conference coordinator, at 865.574.0418.



Back to School Safety Tips from the Red Cross



Commuting and Traveling Safety Tips for Parents and Students:

Whether they walk, ride the bus or travel by car, teach your kids these few tips to ensure they get to and from school safely.

Tips for School Bus Riders

- Line up facing the bus, not along side it.
- Do not play in the street while waiting for the bus.

- Carry all loose belongings in a bag or backpack.
- Never reach under the school bus to get anything that has rolled or fallen beneath it. The bus driver may be sitting too high up to see you.
- After getting off the bus, move immediately onto the sidewalk and out of traffic. If there is no



sidewalk, try to stay as far to the side of the road as possible.

- Wait for a signal from the bus driver before crossing the street. Walk at least 10 steps away from the front of the bus so the driver can see you.

- Never cross the street or play behind the school bus.

Tips for Pedestrians or Bike Riders

- Never walk alone—always travel with a buddy.
- Pay attention to all traffic signals and crossing guards along the way. Never cross the street against a stop light.
- Always wear a helmet when riding a bicycle.
- Avoid ill-fitting clothing that could get caught in spokes or pedals or restrict movements, and wear reflective colors and material to be more visible to street traffic.
- Walk your bicycle across all intersections.



among 16- to 20-year-olds than among any other age group, and young adults also are less likely to be buckled up than any other age group.

When preparing college-aged children for a long drive to school, make sure they take these precautions:

Preparing for the Trip

- Before packing the car, perform a simple safety check. Turn on the lights and walk around the vehicle to ensure that all lights are in working order. Also check turn signals and look for any fluid leaks or things hanging from the vehicle. Make sure the tires are properly inflated.
- When packing your belongings in the car, make sure you pack carefully so there is nothing blocking your view through the rear window. Check your mirrors before you leave to be sure you have an unobstructed view of the road.
- Prepare an emergency supplies kit for your vehicle and keep it in your car at all times. Include a first aid kit and manual as well as items such as a blanket, flares, a flashlight and batteries,



Tips for Car Drivers and Passengers

- Everyone in the car should wear a seatbelt, as they lower the risk of injury in the event of a crash by 45 percent.
- Make sure babies and young children are in safety seats at all times, and that safety seats have been properly installed.
- Read your car's manual for safety precautions specifically relate to the car and its airbags.
- Remind teenagers to take extra precautions if they are driving to school or riding with another teenage driver.

Tips for College-Bound Students

Students heading off to college—perhaps for the first time this year—may be inexperienced at driving long distances or driving alone. Motor vehicle crashes are the leading cause of death for teens in the United States, according to the National Highway Traffic Safety Administration. The risk of crashes is higher



jumper cables that can be helpful and may even

- be lifesaving in the event of an emergency.
- No matter how far you are traveling, be sure you are well rested before you hit the road

Some Fed News

Reporting Requirements Reinstated

EPA Administrator Lisa P. Jackson signed a final rule to reinstate stricter reporting requirements for industrial and federal facilities that release toxic substances which threaten human health and the environment.



reinstates Toxics Inventory (TRI) requirements that the TRI Burden

The final rule Release reporting were replaced by Reduction Rule in The 2009

Omnibus Appropriations Act, signed by President Obama on March 11, 2009, mandated that prior TRI reporting requirements be reestablished. These changes will apply to all TRI reports due July 1, 2009. TRI-ME software and other reporting assistance materials are being revised and will be available

soon. More information on TRI: <http://www.epa.gov/tri/>



Combustible Dust

OSHA is initiating a comprehensive rulemaking on combustible dust, will issue an Advanced Notice of Proposed Rulemaking, convene stakeholder meetings to evaluate regulatory methods, and request comments on issues related to combustible dust such as hazard recognition, assessment, communication, defining combustible dust and other concerns.

Since 1980, more than 130 workers have been killed and more than 780 injured in combustible dust explosions, including 14 people who were killed in a dust explosion

Feb. 7, 2008, at an Imperial Sugar Co. plant in Georgia and three workers who were burned in April 2009 in an Illinois pet food plant dust explosion.

Combustible dusts are solids finely ground into fine particles, fibers, chips, chunks or flakes that can cause a fire or explosion when suspended in air under certain conditions. Types of dusts include metal (aluminum and magnesium), wood, plastic or rubber, coal, flour, sugar and paper, among others.

For more information about combustible dust is available at:

http://www.osha.gov/dsg/combustible_dust/index.html

United States Announces Largest Settlement Under Environmental Protection Agency's Audit Policy

Invista will pay a \$1.7 million civil penalty and spend up to an estimated \$500 million to correct self-reported environmental violations discovered at facilities in seven states, the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Justice announced. The company disclosed more than 680 violations of water, air, hazardous waste, emergency planning and preparedness, and pesticide regulations to EPA after auditing 12 facilities it acquired from DuPont in 2004.



“By correcting these violations, Invista will reduce harmful air pollution by nearly 10,000 tons per year,” said Catherine R. McCabe, acting assistant administrator of EPA’s Office of Enforcement and Compliance Assurance. “Invista is making a clean start in a settlement that achieves significant environmental benefits, and we encourage other new owners to do the same.”

“This settlement is a significant achievement, as it will reduce air pollution in numerous communities, and demonstrates the United States’ commitment to ensuring that all facility owners come into compliance

with environmental requirements,” said John C. Cruden, Acting Assistant Attorney General for the Justice Department’s Environment and Natural Resources Division. “This settlement reflects an effective use of EPA’s audit policy and the value of companies performing audits and working with the United States to correct violations found at their facilities.”

The emission reductions resulting from correcting these violations will result in estimated annual human health benefits valued at over \$325 million, including 30 fewer premature deaths per year, 2,000 fewer days/year when people would miss school or work, and over 9,000 fewer cases of upper and lower respiratory symptoms.

The settlement resolves violations disclosed under Invista’s corporate audit agreement with EPA. Invista conducted 45 separate audits of environmental practices and compliance at facilities located in Seaford, Del.; Athens, Calhoun, and Dalton, Ga.; Kinston, N.C.; Camden, S.C.; Chattanooga, Tenn.; LaPorte, Orange, and Victoria, Texas; and Martinsville and Waynesboro, Va.

As part of its corrective action requirements agreed to in the settlement, Invista will install pollution control equipment to treat air pollutants at its Seaford, Del.; Camden, S.C.; Chattanooga, Tenn.; and Victoria, Texas facilities. The company has also applied for applicable air and water permits, has installed adequate secondary containment for oil storage areas, and has notified state and local emergency planning and response organizations of the presence of hazardous substances.

To ensure continued compliance and minimization of the benzene wastes generated at the Victoria and Orange, Texas facilities, Invista is required under the settlement to either upgrade control equipment or make major changes to its processes used to handle these wastes. EPA estimates that these actions will reduce air emissions of benzene by more than nine tons annually, and eliminate 25 to 750 tons per year of benzene from wastewater.

Invista is a multi-national manufacturer of a wide range of polymer-based fibers, including Lycra, Stainmaster, and Coolmax.

This is the largest settlement under EPA’s audit policy, which was launched in 1995. The policy provides incentives to companies that voluntarily discover, promptly disclose, and expeditiously correct environmental violations. The companies must also

take steps to prevent future violations. EPA may reduce or waive penalties for certain violations if the facility meets the conditions of the policy. Consistent with the audit policy, EPA waived a large portion of the penalty in this case.

EPA’s experience with Invista guided the development of a national interim audit policy for new owners—announced in August 2008—designed to encourage other new owners to make a “clean start” at their recently acquired facilities.

The states of Delaware and South Carolina, and the Chattanooga-Hamilton County Air Pollution Control Board in Tennessee have also joined in today’s consent decree and will share portions of the civil penalty with EPA.

For more information on the settlement: [invista](#)
For more information on EPA’s Audit Policy: Tailored Incentives for New Owners: [newowners-incentives](#).

The OSHA website (www.osha.gov) has more than just the standards.

There articles on various safety and health topics (good place for Safety meeting information), news releases – national and local releases includes releases on larges citations with the case information, section on statistics (broken down in different categories, drill down the section for combinations), international safety information, state safety and more.

The OSHA website is a great resource. Check it out.

Shannon



OSHA Notifies Workplaces with High Injury and Illness Rates

The Occupational Safety and Health Administration has notified more than 13,500 employers nationwide that their injury and illness rates are considerably higher than the national average.

A letter sent (in May) to those employers explained that the notification was a proactive step to encourage employers to take action now to reduce these rates and improve safety and health conditions in their workplaces.

"Employers whose businesses have injury and illness rates this high need to take immediate steps to protect their workers," said acting Assistant Secretary of Labor for OSHA Jordan Barab. "Our goal is to make employers aware of their high injury and illness rates and to get them to eliminate hazards in their workplace. To help them in this regard, OSHA offers free assistance programs to help employers better protect the safety and health of their workers."

OSHA identified businesses with the nation's highest rates of workplace injuries and illnesses through employer-reported data from a 2008 survey of 80,000 worksites (this survey collected injury and illness data for calendar year 2007). Workplaces receiving notifications had rates more than twice the national average among all U.S. workplaces for injuries resulting in days away from work, restricted work activity, or job transfer.

Employers receiving the letters were also provided copies of their injury and illness data, along with a list of the most frequently cited OSHA standards for their specific industry. The letter offered assistance in helping to reduce these numbers by suggesting, among other things, the use of free OSHA safety and health consultation services provided through the

states, state workers' compensation agencies, insurance carriers, or outside safety and health consultants.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing a safe and healthful workplace for their workers. OSHA's role is to assure the safety and health of America's working men and women by setting and enforcing standards; providing training, outreach and education; establishing partnerships; and encouraging continual process improvement in workplace safety.

Article by: Edward Kelley, SCP, Elk Consulting, LLC.

If you would like to contribute to the newsletter, run across an interesting article worth sharing, found an interesting blog related to EHS, feel free to drop me a line.

Send your info to: smitchum@contekllc.com or smitchum6@yahoo.com and I will get it in.

Thanks ahead of time.

Shannon