

AMERICAN SOCIETY OF SAFETY ENGINEERS



ASSE



AUGUSTA CHAPTER NEWSLETTER

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March 13th Meeting

Real Time Detection Registry

Emergency responders are called upon for a wide range of events in society. Responders have been expected to learn a variety of chemical, physical and biological monitoring techniques for assessment of threats when they arrive on scene. The competency in the variety of instrumentation responses, and proper interpretation of the instrument readings is lacking; infrequently this leads to tragic consequences. In response, AIHA has created a Real Time Detection 4-Gas Meter and PID Registry. The registry is a vehicle whereby practitioners can demonstrate their competency with these field instruments, and those in leadership assignments for emergency response programs can be confident of a capable response. Mr. Jahn will present information on the Registry and a proposal for industrial response teams and local and state emergency responders to pursue instructor training leading to user registrations.

Steven Jahn is a former manager of Industrial Hygiene at the Savannah River Site in Aiken, South Carolina. He has been actively engaged in the emergency response programs there in the past 20 years. Mr. Jahn is currently Vice Chair of the AIHA® Exposure Assessment Strategies Committee, and is active in a variety of that committee's projects. Mr. Jahn attended the University of Cincinnati in 1980, and has worked in consulting and government industrial hygiene program implementation in Ohio, Rhode Island and New England states. In 1992 he joined the industrial hygiene program at the Savannah River Site as a field industrial hygienist, and progressively took on more responsibilities in the contractor organizations supporting the Site. He currently is the Senior Technical Advisor for Health and Safety Programs for Savannah River Nuclear Solutions LLC.

DINNER MEETING - 5:30 pm

Tuesday, March 13th, 2012

Industrial Rubber, 3326 Mike Padgett Hwy

\$7.50 Members \$10.00 NonMembers

MANDATORY RSVP at the website www.asseaugusta.org
or call the ASSE Voicemail at 706-790-6551 x2773 (ASSE)

Take Bobby Jones Expressway (I-520) to exit 9 (Mike Padgett Highway). Turn towards downtown. Industrial Rubber and Supply is the first building on your right.

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IH Corner

Petroleum Distillates

Some people are mystified by the name itself “petroleum distillates”, but that is exactly what they are — products made from crude oil that have been distilled in a refinery and then usually processed further and purified in some manner. The word petroleum, derived from the Latin *petra* and *oleum*, literally means “rock oil” and refers to hydrocarbons that occur in sedimentary rocks of the Earth's crust. Because most people mistakenly believe that all petroleum distillates must be similar, they find it hard to believe that there are so many totally different types, many with completely opposite characteristics and uses. In fact, even the term “distillate” raises concerns in some minds. Yet, lots of common and very beneficial things such as water are distilled to remove impurities. The list is long but the point is that distillation is neither good nor bad, just a tool to make something more useful.

IHs define it as a colorless liquid with a gasoline- or kerosene-like odor. It is a mixture of paraffins (C5 to C13) that may contain a small amount of aromatics. Some of the synonyms are aliphatic petroleum naphtha, petroleum naphtha, and rubber solvent. Exposure Routes inhalation, ingestion, skin and/or eye contact Symptoms are irritation eyes, nose, throat; dizziness, drowsiness, headache, nausea; dry cracked skin; chemical pneumonitis (aspiration liquid). The PEL for CAS# 8002-05-9 is 500 ppm. Need a good industrial hygienist? Give me a call, I know a few.

Matthew Parker,
MS, CIH, CSP, ARM
706-722-3310

Knowledge Management

One of the most pressing challenges facing many companies today is loss of institutional knowledge. Safeguarding a company’s memory – a collective set of facts, concepts, lessons learned, experiences, and knowledge – held by the workforce can decline as experienced employees retire or exit the company, sometimes with little or no advance notice or in mass numbers. The time and money spent on training, reconstructing lost knowledge, and implementing corrective actions can have a tremendous impact on not only the organization as a whole but in particular, maintaining an effective and compliant health and safety management system.

How can you combat lack of knowledge-sharing and organizational memory loss? Understanding how your organization creates, handles, transfers and stores company information (procedures, records, reports, etc.) is a start. When it comes to H&S, making sure employees understand and have access to this information is critical. Technology is only one component though. H&S roles and responsibilities must be clearly defined, communicated, and documented to ensure good program continuity and risk management. Other considerations: exit interviews, training matrix, and succession planning – making sure that your safety subject matter experts, committee chairs and coordinators have trained and mentored a suitable number of alternates before moving onto new assignments; reliable communication and documentation practices for capturing incidents and near misses to ensure that lessons learned are not lost; and conducting an annual review process for owners of written safety programs, safety policies, safe operating procedures, pre-task plans, emergency response plans, etc. to ensure that these documents remain current with operational changes. I hope these tips help you to become more proactive with evaluating and planning for operational and personnel changes.

One-Stop
IH Resources
for a Safe
Working
Environment

- Exposure Assessments & Air Sampling
- Noise Dosimetry & Sound Level Surveys
- Ventilation Evaluations & PPE Programs
- OSHA Compliance & Health Hazard Training
- Asbestos, Lead, Mold, & Indoor Air Quality
- Heat/Cold Stress & Laser Safety Evaluations
- Personal & Environmental Air Monitoring
- Recognition, Evaluation & Control

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Quote of the Month

Leadership is the art of getting someone else to do something you want done because he wants to do it.

Eisenhower

OSHA FY2013 Budget

The Occupational Safety and Health Administration (OSHA) is asking for \$565,468,000 for its Fiscal Year 2013 budget, a comparatively modest increase of nearly \$700,000 from its FY 2012 funds. With its proposed budget, OSHA plans to develop and revise safety standards, perform inspections, and conduct outreach programs. Notably, OSHA will devote more funds to:

- Address complex safety and health threats in today's workplaces
- Enhance OSHA-administered whistleblower programs
- Cut backlog of whistleblower claims
- Speed up complaint handling
- Prepare for a higher volume of cases
- Support the Modernization of Injury and Illness Data Collection project
- The FY 2013 budget also includes plans to save money, such as measures to abolish or consolidate certain offices.



**June 3-6, 2012
Denver Colorado**



706-790-6550

Door Prizes and 50/50

The 50/50 is back!!!! Over the years we have great fun conducting a 50/50 raffle at the monthly meetings. We are wanting to do this at every meeting again but we need your help. Please look through your work closets and drawers and bring some items that show off your company's goods and services. (ie. Pens, cups, hats, etc.) The 50/50 is not a success unless we have people who can bring some stuff. It is a lot of fun and the chapter benefits from it too. Hopefully you can bring lots of "goodies". If you want to bring enough items to last through the year, we can store them for you and ration out a few at each meeting.

Thanks and see you at the next meeting!!!!

Stan Norton

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Acetylene

OSHA has revised its acetylene standard. A final rule replaces references to outdated industry standards with updated references reflecting current industry practices.

"This final rule incorporates current technology that enhances OSHA's acetylene standard for improving industry work practices and providing safer workplaces," said acting Assistant Secretary of Labor for OSHA Jordan Barab. "It exemplifies our mission of providing strong and effective regulations that protect the safety and health of working men and women."

The revised standard requires that in-plant transfer, handling, storage and use of acetylene cylinders comply with Compressed Gas Association Pamphlet G-1-2003, titled *Acetylene*. The revised standard also updates references for the provisions addressing piping systems, as well as acetylene generators and filling acetylene cylinders

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Picture of the Month



**Swing Low Sweet Chariot
Taken by a David Brani
a Georgia Chapter member**

Future Meetings

Date	Speaker	Topic
04/17/2012	TBD	CEU Presentation
05/08/2011	Panel	Best Practices Roundtable

Membership Stuff

Ready to join? Don't know how? You can apply online:

<http://www.asse.org/membership/becomeamember.php>

Newsletter Stuff

If you are not receiving this from matthew.parker@atcassociates.com please send an email

Eye On Safety

According to Prevent Blindness America, more than 2,000 people injure their eyes at work each day. Of the total amount of work-related injuries, 10-20 percent will cause temporary or permanent vision loss.

Cost of Accidents Higher than Expected

In 2007, the total estimated cost of fatal and nonfatal injuries at work was \$250 billion, according to a study funded by the National Institute for Occupational Safety and Health (NIOSH). First published in December 2011, the Economic Burden of Occupational Injury and Illness in the United States reports estimates for 2007:

Type	Total Amount	Cost
Fatal Injuries	5,600+	\$6 Billion
Nonfatal Injuries	8,559,000	\$186 Billion
Fatal Illnesses	53,000+	\$46 Billion
Nonfatal Illnesses	427,000	\$12 Billion

The direct medical costs of injuries and diseases amounted to \$67 billion; indirect costs, about \$183 billion. Workers' compensation pays for less than 25 percent of the combined amount. [The Economic Burden of Occupational Injury and Illness in the United States](#) used data from the U.S. Bureau of Labor Statistics (BLS), the Centers for Disease Control and Prevention (CDC), and the National Council on Compensation Insurance, among others.

OSHA 2012 Agenda

In a surprising move, OSHA has listed a "review/lookback of OSHA chemical standards" on its most recent semiannual regulatory agenda. Released Jan. 20, the agenda identifies the agency's priorities for the coming months and forecasts when key elements of the federal rulemaking effort are expected to be completed.

The [item concerning OSHA's chemical standards](#) states, "There is widespread agreement among industry, labor, and professional occupational safety and health organizations that OSHA's PELs are outdated and need revising in order to take into account newer scientific data that indicates that significant occupational health risks exist at levels below OSHA's current PELs...."

The agenda lists the review of chemical standards in the prerule stage, the earliest stage of rulemaking, and indicates that the RFI is expected to be released in August 2012. No timetable is given for a notice of proposed rulemaking (NPRM) or other regulatory milestones.

Rules scheduled for final action in 2012 include proposed changes to the Hazard Communication standard and the Confined Spaces in Construction standard. A final rule aligning the Hazard Communication standard with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS), which stakeholders have been expecting for months, is now scheduled for publication in February 2012. The Confined Spaces in Construction rule is slated for completion in June 2012. The proposed rule would extend protection of employees who enter confined spaces to construction workers, who are not covered by the existing standard.

Another rule that would require all employers to implement an Injury and Illness Prevention Program (I2P2) is listed in the prerule stage. Assistant Secretary of Labor David Michaels has indicated that I2P2 is the agency's top priority. An [OSHA white paper](#) released last week argues that employers who institute I2P2 programs significantly reduce injuries and illnesses in the workplace.

Chapter Education Assistance

The Augusta Chapter Educational Assistance Program provides money to individual members for educational assistance in the fields of environmental, safety or health. The money must be used for training, education or certification in these fields. The Chapter will issue annual awards to approved recipients in the amount of \$250 or \$500. The amount and approval will be determined by the Chapter Board of Directors. Any request must be accompanied by a complete and separate application questionnaire. Recipients must be an active member in good standing. Monies will be paid to the institution/organization providing the training or certification. The Application form is provided below

Request for Financial Award Questionnaire

By completing this questionnaire, I am applying for financial assistance, which may be awarded from the American society of Safety Engineers Augusta Chapter. I understand this award is to be in the amount of monies to be determined by the American society of Safety Engineers Augusta Chapter and will be donated once per year. Future awards will be considered by the American Society of Safety Engineers Augusta Chapter by separate applications.

Signature _____ Date _____

1. Are you an active member of the local ASSE & National ASSE? (*Attend a minimum of five (5) monthly meetings per year*)
2. Are you working in an Environmental, Safety & Health job at this time?
3. Are you pursuing certification or a degree in the Environmental, Safety & Health field?
4. What training/certification or degree are you pursuing?
5. Does your employer pay for any of your educational expenses? How much?
6. What is your current mailing address?

Home: _____	Business: _____
_____	_____
_____	_____

7. Please give a brief summary of your immediate and long term goals as related to the profession and professional development.

8. What institution/organization are you enrolled in for pursuing this certification or degree?
