

AMERICAN SOCIETY OF SAFETY ENGINEERS



ASSE



AUGUSTA CHAPTER NEWSLETTER

Chapter Officers

President

Maria Neis – John Deere

(706) 854-4514

NeisMariaKatrina@JohnDeere.com

Vice President

Harold Steen, Halocarbon Products

(803) 278-3500 ext. 215

hsteen@halocarbon.com

Secretary

Tim Nelken; MCG

(706) 721-9643

tnelken@mail.mcg.edu

Treasurer

Jack Gilmore; Retired

(803) 649-1358

jackgmo@gforcecable.com

Membership

Jim Dickson

(803) 279-9451

cjdickson@bellsouth.net

Government Affairs

Tim Nelken; MCG

(706) 721-9643

tnelken@mail.mcg.edu

Programs

Stan Norton; Industrial Rubber

(706) 790-6550

snorton@rubberstore.net

Public Relations

Richard Dorman; Thermal Ceramics

(706) 560-4018

rdorman@thermalceramics.com

Past-President

David Coley – Standard Aero

(706) 771-5228

David.Coley@StandardAero.com

Newsletter Editor

Matthew Parker, ATC Associates

706-722-3310

matthew.parker@atcassociates.com

November Meeting Industrial Ventilation for the Safety Professional

Industrial ventilation is a method of controlling worker exposure to airborne toxic mists, gases, dusts or vapors by exhausting contaminated air away from the work area and replacing it with clean air. It is one alternative to control employee exposure to air contaminants in the workplace. The design and troubleshooting of industrial ventilation systems is typically handled by a qualified ventilation engineer or firms specializing in this field. But many installed systems are modified throughout their life cycle and no longer function as designed. This presentation will inform you of the basic elements of industrial ventilation design with emphasis on assessment of existing systems for efficient capture, transport, and collection or discharge of airborne stressors.

Mr. Parker is a Certified Industrial Hygienist, a Certified Safety Professional, and an Associate in Risk Management with over twenty years experience. He holds a MS in System Safety Management and a BS in IH/Chemistry. He is currently the Branch Manager for the Augusta Office of ATC Associates, a nationwide environmental services company.

LUNCH MEETING - 11:30 A.M. Wednesday, November 11, 2009

Bobby's Bar B-Que

Beautifully located between Aiken, S.C. and Augusta, Ga.
in Warrentonville, S.C., at 1897 Jefferson Davis Hwy. --also know as Hwy. 1

\$7.50 Members

\$10.00 NonMembers

RSVP Required !!!!!!!!!!!!!!!

Please call the ASSE Voicemail at 706-790-6551 x2773 (ASSE)
or email any of the board members.

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.

ASSE AUGUSTA CHAPTER NEWSLETTER

IH Corner Noise Exposures

Have you ever heard of the doubling rate? It is sometimes called the exchange rate. The exchange rate refers to how the sound energy is averaged over time. Using the decibel scales and pure mathematical relations, every time the sound energy doubles, the measured level increases by 3dB. This is the 3dB exchange rate that most of the world uses. For every increase of 3dB in the time-weighted average the measured DOSE would double.

For OSHA and MSHA measurements, the Exchange Rate is 5. Some organizations such as OSHA in the U.S. have argued that the human ear self compensates for changing noise levels and they felt that the 3dB exchange rate should be changed to more closely match the response of the human ear. OSHA currently uses a 5dB exchange rate, which would mean that the reported DOSE would double with every 5dB increase in the time-weighted average. The exchange rate affects the integrated reading LAVG, DOSE, and TWA but does not affect the instantaneous sound level.

Now that you know what an exchange rate is, what can you do with it? You can use it to project the amount of time until you exceed the OSHA limits.

dBa	Hours to PEL	Hours to AL
85	16	8
90	8	4
95	4	2
100	2	1
105	1	0.5
110	0.5	0.25

You can even use this to estimate dose given different noise sources. If background noise is 85 dbA for 8 hours a day and you have a saw that operates at 105 for 30 minutes per day, the estimate says $(8/16) + (0.5/1) = 100\%$.

Need a good industrial hygienist? Give me a call, I know a few.



Matthew Parker
ATC Associates
706-722-3310
matthew.parker@atcassociates.com

President's Message

This month's meeting will be our luncheon meeting at Bobby's BBQ in Aiken. If you cannot make the meeting due to your work schedule, we understand. The meeting will be at noon. The speaker that we slated to speak on Leadership is unable to attend at this time. Matthew Parker has graciously agreed to speak at this meeting. In order to get an accurate headcount we need to know how many will be coming by this Saturday, November 7, 2009. The cost of this luncheon session is \$8.

We will not be having a meeting in December due to the holiday season. If I do not get to see you between now and then, have a safe and Happy Holiday season. I look forward to seeing all of you back in January.

One of our goals as a chapter this year is to increase membership and bring those who have not come for some time to the chapter meetings. If you know of someone is interested in joining our chapter please have them contact Jim Dickson or myself.

Maria Neis

Augusta ASSE Chapter President

E-mail contact: mariakatrina.neis@vc.edu (work) or the4yankees@yahoo.com (home)

Recordkeeping is focus of new National Emphasis Program

OSHA launched a National Emphasis Program on [recordkeeping](#) to determine the accuracy of injury and illness data recorded by employers. The NEP involves inspecting occupational injury and illness records prepared by businesses and enforcing regulatory requirements when employers are found to be under-recording injuries and illnesses. See the [directive](#) for more information.

http://www.osha.gov/OshDoc/Directive_pdf/CPL_02_09-08.pdf

ATC ASSOCIATES INC.
Engineering Individual Solutions

- Industrial Hygiene
- IAQ, Mold, Asbestos, Lead
- Environmental Compliance
- Geotechnical Engineering
- Construction Materials Testing

Augusta - 1453 Greene St. Suite A 706-722-3310
Marietta - 1841 W. Oak Pkwy Suite F 800-332-9456
www.atcassociates.com

QUOTE OF THE MONTH:

“Everything I say is a lie. Now listen carefully, ‘I’m Lying’”

Mr Spock, Vulcan Philosopher

ASSE AUGUSTA CHAPTER NEWSLETTER

8TH ANNUAL ASSE KIDS' 'SAFETY-ON-THE-JOB' 2010 POSTER CONTEST RULES FOR CHILDREN AGED 5-14

The posters that **best illustrate Safety on the Job** will be selected as winners out of each of the five age groups. Before the children begin drawing, we urge you to talk to them about your job and workplace safety and provide examples of what risks occupational safety, health and environmental professionals address every day on the job, and if possible, provide them with examples of workplace situations. Visit www.asse.org/naosh for examples of children's workplace safety posters and ASSE's "Safety Through the Decades" timeline. Have fun and as they say in the in the Wild, Wild, West "Draw Partner". Also, we hope to see you at our annual poster contest awards ceremony in Washington, D.C, May 3, 2010!

Visit ASSE's website www.asse.org/naosh for the latest poster contest information, applications, sample posters, NAOSH activities, news releases, photos, billboards and past winners.

Page Sponsor

The Largest Commercial Security Provider In the CSRA



The Home of Value Added Security Services
706-738-3113
erniesizemore@bellsouth.net

CHEMICAL PLANTS BRISTLING AT HOUSE TERRORISM BILL

BATON ROUGE — The U.S. House Energy and Commerce Committee advanced legislation a couple weeks ago that could potentially allow the federal government to enter privately-owned chemical plants, mandate certain changes and even make product substitutions — all in the name of anti-terrorism.

The plan has attracted attention in Louisiana, where nearly 100 chemical plants employ about 24,000 workers, according to the Louisiana Chemical Association. The Chemical Facility Anti-Terrorism Act of 2009 would identify facilities that contain "substances of concern" and permit the Homeland Security Department to make changes to reduce security risks.

U.S. Rep. Charlie Melancon said he was initially worried about the bill. He said he passed an amendment forcing the feds to focus on facilities with the highest risk and create a "stronger appeals process" for chemical plants faced with mandates. "I had some concerns regarding the balance between protecting those vulnerable communities that surround chemical facilities and protecting the jobs at those same facilities," Melancon said. "Both provisions will moderate the bill so that it would not pose an undue financial burden for facilities in Louisiana, which could lead to job losses." Like other Republicans on the committee, U.S. Rep. Steve Scalise, R-Metairie voted against the proposal and cautioned that it could result in a loss of jobs for Louisiana.

"Even the Department of Homeland Security, the agency charged with overseeing these new federal mandates, testified that they do not have the expertise to determine what would be safer for those facilities," Scalise said. "These types of radical environmental policies cost American families thousands of jobs and could leave our chemical plants more vulnerable to attack."

American Chemical Council President Cal Dooley said the bill has a number of strong points, like an employee-training provision to help protect sensitive information and another portion that protects chemical companies from frivolous lawsuits. But, the council will not endorse the legislation. "Our members are concerned that providing government with authority to direct process changes or product substitutions could result in making critical products unavailable throughout our economy, with potentially significant impact on our companies and our customers," Dooley said.

From the house.gov website on Friday November 6th . . .

Today, the House of Representatives passed by a vote of 230 to 193 the Chemical and Water Security Act of 2009 (H.R. 2868). The bill strengthens security at America's chemical plants and drinking water and wastewater facilities by establishing risk-based and reasonable security standards for these critical assets. H.R. 2868 reauthorizes the Department of Homeland Security's (DHS) Chemical Facility Anti-Terrorism Standards (CFATS) program, which is slated to expire October 2010, and improves the program in many ways. It also authorizes the Environmental Protection Agency (EPA) to establish similar security programs for drinking water and wastewater facilities.



ASSE AUGUSTA CHAPTER NEWSLETTER

Picture of the Month



**Which should I block?
The electric panel, emergency
exit or both?**

Upcoming Meetings

December 2009

No Meeting, Have A Great Holiday!

January 12, 2009

Topic/Speaker TBD

Write the date down now!

February 9, 2009

Topic/Speaker TBD

Write the date down now!

March 9, 2009

Topic/Speaker TBD

Write the date down now!

Newsletter Stuff:

If you are not receiving this

newsletter directly from

matthew.parker@atcassociates.com,

Send me an email and I will add you
to the distribution list

Membership Stuff

Ready to join? Don't know how?

You can apply online:

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

List your humble newsletter editor as
your sponsor.

OSHA ISSUES PROPOSED RULE TO ADOPT GLOBALLY HARMONIZED HAZARD COMMUNICATION SYSTEM

OSHA published a [proposed rule](#) Sept. 30 to align the Hazard Communication Standard with provisions of the Globally Harmonized System of Classification and Labeling of Chemicals. See the [fact sheet](#) and [Sept. 30 Federal Register notice](#)
http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=NEWS_RELEASES&p_id=16473

FALLING FOR SAFETY: RAKES AND LADDERS

Orthopaedic surgeons offer safety tips for Autumn chores

In 2008, 617,000 people were hurt using rakes, ladders and other garden supplies, according to figures from the Consumer Product Safety Commission. The American Academy of Orthopaedic Surgeons provides tips to ensure that raking leaves will be injury-free.

Rake Safety

- Warm up, stretch and do some light exercises.
- Choose a rake that suits your height and strength.
- Prevent blisters by wearing gloves or using rakes that have padded handles.
- Maintain 100 percent visibility. Make sure that hats or scarves do not obscure your view. Watch out for rocks, uneven surfaces, low branches, and tree stumps.
- Bend at the knees, not the waist. Do not toss leaves over your shoulder.
- Mix up your movement and posture, changing the position of arms and legs. Watch out for wet leaves, as they might cause slips.
- Avoid overstuffing leaf bags, especially if the leaves are wet, to prevent back injuries.

Page Sponsor



**INDUSTRIAL
RUBBER &
SUPPLY, INC.**

**100 YEARS OF EXPERIENCE
SERVING LOCAL INDUSTRY**

706-790-6550

ASSE AUGUSTA CHAPTER NEWSLETTER

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?
