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# NEW JERSEY ASSE CHAPTER NEWSLETTER



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## PRESIDENT'S MESSAGE

Greetings! Our February meeting was a lot of fun and a great learning experience about Laser Safety. Our speaker, Tom Block, CIH, of Rutgers University was truly outstanding. His expertise was well defined with a great presentation.

Our chapter is off a great start this year. We just completed assisting OSHA with a 10-hour Construction Safety Outreach Training Program in New Brunswick. Nazer Ali, President-Elect of our chapter attended the OSHA/NJICA Alliance Agreement signing; (of which NJASSE is an alliance member) in Trenton, NJ.

The existing agreement can be viewed at [http://www.osha.gov/dcsp/alliances/regional/reg2/njica\\_final.html](http://www.osha.gov/dcsp/alliances/regional/reg2/njica_final.html).

It was a privilege to present New Jersey Institute of Technology (NJIT)'s Van Houten Library and the Cranford Public Library with a book donation in honor of Joe Smith. Joe was the President of our NJ Chapter from 2004-2005. Joe is still instrumental in our organization with Professional Development Conferences and is currently tackling our chapter's long range plan.

Our executive board has been busy programming for the next several months. In April, we will be participating in the Lincoln Tunnel Challenge Fun-Run/Walk for Special Olympics and working together with Habitat for Humanity. We have planned another FREE Webinar, assistance with another OSHA 10-hour Construction Safety Outreach Training Program, NAOSH week and three joint monthly meetings with other area ASSE chapters and the AIHA.

Our next meeting is Thursday March 15th at Snuffy's Pantagis, in Scotch Plains. This is a joint meeting with the American Industrial Hygiene Association (AIHA). The topic is Pandemic Influenza. We promise you great speakers and of course, great FOOD! Won't you join us? Our Insur-

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## HOW TO BE A SAFETY ROLE MODEL

**Make the commitment.** In the safest workplaces, management personnel aren't just safety rule-makers and enforcers, they're also safety role models. Employees' behavior on the job is significantly influenced by the way management thinks and acts about workplace safety. If workers believe that managers and supervisors are strongly committed to safety, they will be, too. Showing a strong commitment and modeling good, safe behavior, involves many issues, including:

- Establishing safety as a priority for all jobs
- Making safety-minded decisions
- Providing all the necessary safety equipment and motivating employees to use it
- Investigating accidents thoroughly and correcting the problems you uncover

Cont. on Page 2

## ATTENTION LASER SAFETY PROFESSIONALS! BY TIM BLOCK

The use of lasers and laser devices in the construction, manufacturing, and research work environments has increased dramatically over the past decade. The laser safety field, once a specialized niche relegated to the health physicist, is now assigned to any and all occupational health and safety professionals. However, professionals assigned these responsibilities often work alone and rely upon their instincts, experiences, and employer policies to execute their duties. Further, there are no laser

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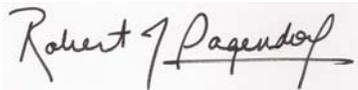
## PRESIDENT'S MESSAGE CONT. FROM PAGE 1

ance Committee is also looking to establish an exam preparation course for the Associate in Risk Management (ARM) designation. If you are interested, please e-mail me @ [president@njasse.org](mailto:president@njasse.org). We are also working out the details for an ASP/CSP preparation workshop this summer.

If you are interested in serving on our executive board, please contact me. We are always looking for help with our several committees.

We hope to see you at our next chapter meeting. I welcome your comments or questions regarding our chapter.

Have a SAFE day!



Robert J. Sagendorf, CSP, CHST

President



## CAREER OPPORTUNITY

### Safety Professionals -

Career opportunities available for entry to senior construction safety professionals at premier safety management firm. Projects range from mid-scale to major high-rise and multiple project auditing in the NYC/NJ Metropolitan area. NYC site safety managers or other safety training or certifications preferred; however, all qualified candidates will be considered. Excellent salary/benefit packages. Send resumes and salary requirements to [resume4safety@yahoo.com](mailto:resume4safety@yahoo.com)

## REGULATORY UPDATE

H. R. 141 - To direct the Secretary of Labor to revise regulations concerning the recording and reporting of occupational injuries and illnesses under the Occupational Safety and Health Act of 1970.

A Bill to direct the Secretary of Labor to revise regulations concerning the recording and reporting of occupational injuries and illnesses.

This bill will require site-controlling employers to keep a site log for all recordable injuries and illnesses occurring among all employees on the particular site, whether such employees are employed directly by the site-controlling employer or are employed by contractors or temporary help or employee leasing services



## BUCKETS!

Note to all manufacturers of 5-gallon plastic buckets: Please print "This isn't a ladder" on the side of your products from now on.

Apparently, it is also time for a quick review of the meaning of "Not-a-Step."

## SAFETY ROLE MODEL CONT. FROM PAGE 1

- Inspecting the workplace routinely and promptly eliminating hazards
  - Providing necessary employee training
  - Establishing safety committees to get employees involved in solving problems and improving workplace safety
  - Welcoming employee suggestions for making the job safer
  - Listening earnestly when employees complain about hazards and taking immediate action to correct them
- Talk it up.** Safety role models also talk about safety—a lot. Management needs to take every opportunity to provide feedback and communicate information about safety to employees.

For example, you can place safety posters around the workplace, include items on job safety in your employee newsletter, and provide payroll stuffers and other handouts about safety. You can institute "Safe Worker of the Month" awards and offer incentives for accident-free performance. There should also be plenty of face-to-face communication about safety. For example, if a manager is walking through a work area and sees employees wearing required PPE and following safety procedures, he or she should stop for a minute and praise the crew for being safety-minded. And supervisors should always be talking to their employees about safety and providing feedback on performance—not just at weekly safety meetings or during training sessions, but every day.

**Follow the rules.** Modeling safe behavior also means that managers and supervisors have to follow all the safety rules themselves. "Do as I say, not as I do" doesn't work on the job any more than it does at home. Remember that employees can imitate unsafe behavior just as easily as they can emulate safe behavior. So if, for example, workers see a manager walking through an area where eye protection is required and the manager isn't wearing safety glasses, employees are likely to pick up on the negative safety message and figure they don't have to wear required PPE either.

# IMPLEMENTING A SELF INSPECTION/AUDITING PROGRAM MAY BE LESS COMPLICATED AND INTIMIDATING THEN YOU THINK.

BY STEVE HIRSCH

Although most large organizations appear comfortable with implementing a formal and often times “complex” audit and self inspection program, environmental, health and safety (EHS) professionals in small to mid-sized organizations may have reservations about whether or not to implement an audit and self inspection program within their facility.

With all of the progress that’s been made by industry leaders who have created compelling but often times complex elements around auditing processes relative to federal/state/company compliance, establishing metrics, validation processes, analytics, protocols, and reporting, have we made it too intimidating and complicated for the average company EHS professional to implement?

I believe this is indeed the case for many industry professionals at both an entry and senior level within many organizations. On top of pre-conceived notions about process complexity, often times there may be additional and “unspoken” fear of regulatory disclosure, discoverability, and lack of senior management “buy in” that can deter implementation and can have employees asking themselves, why should I do it?

As advocates of progressive auditing methodologies, it’s important to “simplify” our communication and education techniques to help our peers address their “hidden fears” whatever they may be. This can be as simple as educating industry professionals on OSHA’s final policy decision under Section 8(a) and 8(b), Pub.L. 91-596, 84 Stat.1599 (29 U.S.C. 657) on self auditing which in summary includes the following:

- OSHA **will not** routinely request self-audit reports at the beginning of an inspection, and **will not** use self-audit reports as a means of identifying hazards upon which to focus during an inspection.
- If a voluntary self-audit identifies a hazardous condition, and the employer has corrected the violative condition prior to the beginning of an inspection (or related accident, illness, or injury that triggers the OSHA inspection) and has taken appropriate steps to prevent the recurrence of the condition, **OSHA will refrain from issuing a citation**, even if the violative condition existed within the six month limitations period during which OSHA is authorized to issue citations.

If a voluntary self-audit identifies a hazardous condition, and the employer promptly undertakes appropriate measure to correct the violative condition and to provide interim employee protection, but has not completely corrected the violative condition when an OSHA inspection occurs, **OSHA will treat the audit**

**report as evidence of good faith**, and not as evidence of a willful violation of the Act.

Even if not for regulatory compliance purposes, having an audit and self-inspection process in place is critical for any size organization to take ‘ownership’ of their exposures and as a best practice for continuous improvement. That said, an auditing program does not have to be complex and, in fact, can be simple but should have these three key components in the process to be effective. If any of the three components disconnects, the results will have little if any value to stakeholders.

**Internal Auditor Competency** – Since many company employees are being asked to conduct audits and self inspections without having the appropriate credentials or background to be effective, initial and ongoing training and education is required to improve auditor competency. Without a competent auditor conducting the audit or inspection, re-

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## AHH, MARCH!

BY BARRY R. WEISSMAN, REM,  
CSP, CHMM, CHS-IV, CIPS

### DON'T GET HURT

You may begin to spend more time outside, cleaning up winter's ravages while getting ready for spring. But be careful, there are things out there that could cause you pain.

First, good footwear is essential for two reasons. First, the ground is still cold. You'll need footwear that will keep your feet warm or else you may want to wear a couple of pairs of socks. The inside pair should be either cotton or wool. You want to wick the perspiration away from your feet. The second reason is because the ground may also be wet, damp, or slippery. Your footwear should have good traction soles. And, don't go stepping into unknown piles of leaves or dirt. You don't know what's underneath.

I used to have several Honey Locust trees in my garden. These trees were 40 – 60 feet tall and the oldest was over 9-1/2 feet in circumference. Very mature trees. The identifying marks for Honey Locusts are their needle spines. These can be 3 – 4 inches long and strong enough to go through the bottom of a flip-flop. They are strong enough to catch and hold a full-grown squirming squirrel. (Don't ask how I know.)

Next, good hand protection. Gloves! Gloves to be effective should fit well, but not pinch in between your fingers. Ladies should buy ladies' gloves. Men's gloves will not fit you properly.

"Why," you say, "do I need gloves?"

Raking, cutting, digging, hauling, lifting...should I go on. You need to protect your hands and fingers. Early spring work in the garden is hard on your hands. From the rough materials that you need to handle to the heavy pots to move to the cool temperatures, gloves will help to protect you.

You may also need more than one type of glove, depending upon what you're doing.

### GO GREEN



The spring is a good time to begin to go green in your garden...no not the color but the environmental attitude. Take all of the fallen leaves and cut branches and begin to build a compost pile. Composted organic material is truly "black gold." It can be used as a top dressing for grass or planting beds.

It can be used to make a compost tea which can either be a foliar feed or a root feed. It is also great to help grow worms. If you need more information on building a compost pile contact your local Cooperative Extension Service or this information from Virginia Tech might help. Go to: <http://www.ext.vt.edu/pubs/envirohort/426-703/426-703.html>

**Think about becoming an organic gardener.** When you use regular pesticides and insecticides you kill both beneficial and harmful pests. Unfortunately, the harmful ones generally reproduce faster than the beneficial insects and this "rebound" effect often frustrates gardeners who don't understand the process. Check with a local garden center (not a big box store) for the "natural" pesticides that work in your area.

### BARRY IN ORLANDO!!

Barry Weissman will be presenting Session #743: Emergency Response Planning: New York City Mandate - A Case Study at the 2007 SAFETY EXPO in Orlando, FL. If you're going to the EXPO, be sure to check out Barry's presentation on Wednesday, June 27 from 11:00 AM – 12:00 Noon

## LASER SAFETY CONT. FROM PAGE 1

safety resources or organizations in the New Jersey and New York metropolitan area for safety professionals to consult when assessing laser safety issues.

In order to address these needs, I am soliciting interest among professionals in the occupational safety, industrial hygiene, and the health physics disciplines to establish a local chapter of the Laser Institute of America (LIA). The LIA was established in 1968 as the professional society for laser applications and safety. They are the secretariat and publisher of the ANSI Z136 laser safety standards that are recognized by OSHA and serve as the authoritative documents on laser safety in the United States. Beginning in 2005, the LIA developed criteria for individuals and corporations to establish local LIA chapters as an opportunity for end users, manufacturers of lasers and related products, safety officers, company presidents, and researchers to meet and network within a local geographical region. The following summarizes the requirements to establish a local LIA chapter:

- The chapter must have a minimum of 20 current (paid) LIA members.
- Formation of an organizing committee with designated chairperson.
- No chapter dues required.
- Must meet at least 4 times a year.
- Times and locations at discretion of chapter.

LIA should be notified and given brief summary of meeting activities for reporting in LIA Today Newsletter.

If you are a laser end user, manufacturer, or safety professional interested in establishing and/or participating in a local LIA chapter, contact me at [tblock@rehs.rutgers.edu](mailto:tblock@rehs.rutgers.edu). I will keep you informed on the progress of establishing this local section, and notify you of laser safety meetings or events when they are planned.

**SELF INSPECTION/  
AUDITING  
CONT. FROM PAGE 3**

sults can be dramatically skewed and will typically yield a “garbage in/garbage out” result.

**Defined Audit Process and Content/Reporting** – Audit processes and content whether simple or complex, needs to be standardized, comprehensive, and validated for quality against regulatory compliance and best practices. This should be done for each type of exposure audit on a periodic, annual, and management basis for each location being audited. Reports need to be standardized for trending and analysis ‘year over year’ and recommendations for corrective action should be included and tracked through resolution. Once a defined protocol is in place, a phased approach to rolling out an audit process is recommended. For phase 1, the most important part is simplicity. Audits that look for compliance areas and have ‘yes’ and ‘no’ responses are easy for everyone to understand and will allow company employees to apply the knowledge they have learned from their training. As an organization’s audit program grows and exposures become less obvious to untrained personnel, a more complex audit can be introduced. These audits may include weighting, scoring, or other metrics which enhance the quality of the reports created.

**Technology** – Trying to manage even a small amount of data using a manual and paper based process promotes inefficiencies and limits the configurability and extensibility of reporting across multiple locations. Technology must be utilized throughout the process and the tools used to collect the data should be robust enough to support the organizations current needs and adaptable enough to support the organization as it grows. Investment in technology will be off-set by efficiencies in process and gains in production.

In short, the three components along with having top level management commitment, ownership of results, flexibility of process, and motivation to the achievement of business objectives can provide a simple yet very productive program from which to build on.

Steve Hirsch has been providing solutions for organizational improvement to a multitude of industry sectors for the past 11 years. He is currently Director of Aon Safetylogic, which provides eSolutions for risk control and employee training. He can be reached at [Steve\\_Hirsch@safetylogic.com](mailto:Steve_Hirsch@safetylogic.com) or at 877.714.0999.



**VBS** Valcourt Building Services

**FACT:** Window cleaning is now governed by ANSI/I-14 safety standards.

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Karen Buniak  
[karenb@ttienv.com](mailto:karenb@ttienv.com)

## NJASSE CHAPTER NEWS

### VOLUNTEERS NEEDED!!

NJASSE is looking for volunteers for the following events:

**Habitat for Humanity:**

Contact Ken Bogdan:

[ken.bogdan@yesinsure.com](mailto:ken.bogdan@yesinsure.com)

Let's Show Our Support!!

### NEW MEMBERS

Congratulations to the newest members to NJASSE. We look forward to seeing you at an upcoming meeting.

Michael L. Denoff

John Turnbull

Richard J. Petraitis

Andrew H Powers

David H Goeit

Steven M Wisel

### NEWS ITEMS!

*Have you received a promotion, new job, marriage, birth? Let us know. We would like to share this information with our membership.*

Email:

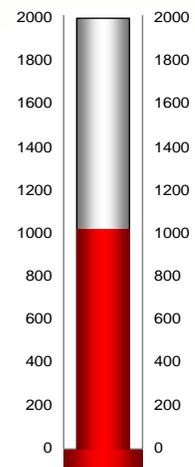
[Newsletter@njasse.org](mailto:Newsletter@njasse.org)

## 2006-2007 REMAINING MEETING SCHEDULE

DATE	TYPE	TOPIC	LOCATION
March 15, 2007	Dinner	Pandemic Influenza Joint Meeting with NJ AIHA	Snuffy's Pantagis, Scotch Plains, NJ
April 18, 2007	Safety Expo	Safety Training Games and Activities Joint Meeting with Metro, Penn-Jersey, and Long Island ASSE	Safety Expo, Atlantic City, NJ
May 2, 2007	All-Day Event	Nanotechnology	TBD
May 17, 2007	Breakfast	Facility Safety Tour & Networking Event	TBD

## NJ ASSE OFFICERS FOR 2006-2007

Position	Name	Telephone	E-Mail Address
<b>President</b>	Bob Sagendorf, CSP	908-276-1000	President@njasse.org
<b>President Elect</b>	Nazer Ali, CHMM, CPEA	908 740-4993	Pres-elect@njasse.org
<b>Vice-President</b>	Kristin Kelley	973-252-2642	Vp@njasse.org
<b>Treasurer</b>	Alex Ruiz, CSP	732-445-2550	Treasurer@njasse.org
<b>Secretary</b>	Frank Gesualdo, CSP	732-563-6800 x 4268	Secretary@njasse.org
<b>Immediate Past President</b>	Gina Mayer-Costa, CSP	201-684-7531	Past-president@njasse.org



Chapter Stars Points  
1020  
Only 980 to go

## ANSI Z87.1-2003 UPDATE & FACT SHEET

COURTESY OF AON RISK SERVICES

ANSI Z87.1-2003 has replaced Z87.1-1989 which is incorporated, by reference, into federal regulations, which address eye and face protection, such as 29 CFR 1910.133. This standard specifically references compliance with ANSI Z87.1 regarding the selection of appropriate eye and face protection for employees.

### Key Changes to ANSI Z87.1

- ANSI Z87.1-1989 used the terms “primary” and “secondary” eye protection. The current standard no longer uses these terms, but does address which device must be used in conjunction with spectacles or goggles. For example, when a face shield or welding shield on a respirator can be raised from the normal use position, the device must be used with a spectacle or goggle in order to meet Z87.1-2003 requirements.
- Respiratory protective equipment that offers eye and face protection has been added to the standard. These include tight-fitting full face piece respirators and loose fitting face pieces and helmets.
- Performance of products is now based on impact resistance levels and is classified as either “basic impact” or “high impact”.
- Respirators that also provide eye protection, such as tight-fitting full face pieces, loose fitting face pieces and helmets, must meet the high impact criteria.

### Key Terms

- Spectacles are now defined as a protective device intended to shield the wearer’s eyes from certain hazards. Goggles are protective devices intended to fit the face area surrounding the eyes.
- Filter lens attenuate specific wavelengths of ultraviolet, visible and infrared radiation. Tinted lens are lenses of color which do not meet the transmittance requirements. Photochromic lens darken when exposed to, and fades when removed from, ultraviolet radiation and/or sunlight.

### Testing Requirements and Markings

- All spectacles and goggles must meet specific criteria for impact and penetration testing, optical requirements, including transmittance as described below, and other physical durability requirements. Basic and high impact requirements are primarily distinguished by the impact tests performed.
- Basic impact-rated lenses are tested to withstand the impact of a 1-inch ball dropped from a height of 50 inches. High impact, and all frames, must pass more stringent high mass and high velocity tests.
- ANSI Z87.1-2003 Table 1 and Table 2 describe transmittance requirements for lenses and filters. Table 1 applies to clear lenses and Table 2 applies to special purpose lenses. General purpose lenses must provide for a minimum of 85% light transmittance and general purpose filters must meet ultraviolet, visible and infrared transmittance requirements.
- Marking requirements for spectacles and goggles are now distinguished according to whether the lenses are removable or fixed. For example, “Z87” indicates compliance with basic impact and “Z87 +” indicates high impact criteria. Photochromic lenses must be marked with a “V”. Goggles with non-removable lenses must bear the appropriate marking on either the frame or lens.

**Note:** This summary of American National Standard Institute (ANSI) Z87.1-2003 was prepared by Aon Casualty Risk Control. It does not represent an official, legal or complete interpretation of the standard. Questions should be addressed to Jack Fearing, CPEA, at 973-463-6240 or [jack\\_fearing@ars.aon.com](mailto:jack_fearing@ars.aon.com).



**KEEP THIS DATE OPEN!!!**

April 18, 2007; Joint Monthly Meeting with Metro, Penn-Jersey and Long Island Chapters @ Safety Expo, Atlantic City, NJ. Topic will be “Using Interactive Activities for Improved Safety Training”



## MARCH 15, 2006 MEETING

### PANDEMIC INFLUENZA PLANNING & THE AGING WORKFORCE

### JOINT NJASSE & NJ AIHA MEETING

The New Jersey Chapter of the American Society of Safety Engineers' (ASSE) will be holding a joint meeting with the [American Industrial Hygiene Association \(AIHA\)](#)-New Jersey Chapter on Thursday **March 15, 2007 at 5:00pm**. The topic will be "*Pandemic Influenza Planning*" (before dinner) and "*The Aging Workforce*". (after dinner) Details of the meeting and registration information may be found in the Program section of our website @ [www.njasse.org](http://www.njasse.org). A complete meeting notice can be downloaded from the website. **Don't miss this meeting!!!!!!!!!!!!!! This joint meeting is usually a SELL-OUT!!!** Check the website for more details.

#### March 2007 – DINNER MEETING

##### Joint Meeting with NJAIHA

- DATE:** Thursday, March 15, 2007
- PLACE:** Snuffy's Pantagis Renaissance,  
Route 22 East, Scotch Plains, NJ  
908-322-7726 (See directions below)
- AGENDA:**
- 3:30 p.m. Executive Committee Meeting
  - 5:00 p.m. Registration/Networking/Cocktails
  - 5:30 p.m. *Before Dinner Session: Topic: "Pandemic Influenza Planning"*  
*Presented by: Sylvia Bookbinder & Dave Loughlin. NJ Dept. of Health and Senior Services*
  - 6:30 p.m. Networking/Cocktails
  - 7:00 p.m. Dinner Buffet – Members & guests \$25. Students and those unemployed are free (Subsidized 100% for Dinner Meetings).
  - 7:30 p.m. *After Dinner Session: Topic: "The Aging Workforce"*  
*Presented by Arlette Loeser, Ultimate Workspace*
- Please register by Tuesday, March 13, 2007 at [www.njasse.org](http://www.njasse.org)  
Directions available on the NJASSE Website

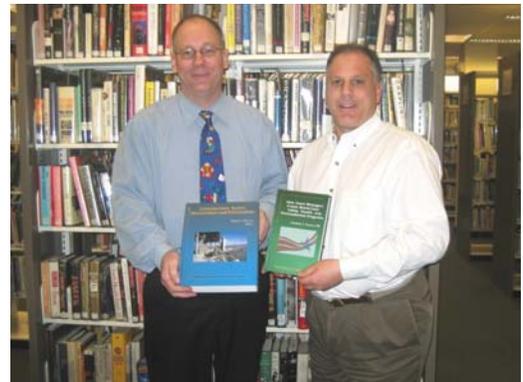


## NJASSE IN THE COMMUNITY



Book donation by NJ ASSE Chapter on February 20<sup>th</sup> at NJIT's VanHouten Library in honor of Joe Smith, Past President.

Pictured here: Nazer Ali, Richard T. Sweeney, University Librarian. (Robert W. Van Houten Library) and Bob Sagendorf.



Book donation by NJ ASSE Chapter on February 22<sup>nd</sup> at The Cranford, NJ Library. Pictured here is librarian is John Malar and NJASSE President Bob Sagendorf.



Nazer Ali representing NJASSE at the February 22<sup>nd</sup> OSHA Alliance Meeting.