Letter from the President
Patrick Delaney

NJASSE Members,
As my term as Chapter President comes to an end, I would like to take this opportunity to reflect on what our Chapter has accomplished and recognize those members that made this a very successful year. As you will recall from my first President’s Message in July of 2014, we set out with a very aggressive agenda.

The first of the four objectives we set out to accomplish was the creation of a Student Section of our Chapter. Thanks to the hard work of your Executive Board, the New Jersey Institute of Technology (NJIT) Student Section received its Charter on March 17 of this year. I would like to personally recognize the efforts of Anthony Krake, Lauren Cranmer, Justin Porter (Chair of the Future Leaders of Safety Conference), George Olsen and Norm VanHouten (Co-Academic Advisors to the Student Section), and the staff at Society who helped guide us along the way. Naturally, this Section would not have become a reality without having student officers that helped to drive this as well, therefore a special thank you to our Student Section Officers. This Section is the future lifeblood of our Chapter, and therefore I urge all of you to support their officers and members.

Objective two was the continued commitment to the professional development for our members. Once again, our PDC Co-Chairs Alex Ruiz and Joseph Piccolo hit it out of the park. In fact, I was informed that our Fall PDC entitled ‘Construction Safety for the Non-Construction Safety Professional’ was the best attended PDC yet. Of course, this would not have been possible without the presenters who volunteered their time, so I would be remiss if I did not recognize Denis Crayon and Robert

continued on p. 2
Letter from the President (continued from p. 1)

Sagendorf. As if one PDC was not enough to ask our Co-Chairs to put together, I requested another PDC in the spring on ‘Driver Safety & Fleet Safety.’ Again in their typical fashion, they found highly qualified subject experts and put together another very successful PDC. Thank you to William Margareta and the folks at Liberty Mutual for their time and presentations.

Objective three was to leverage technology, which in today’s age I believe is critical to effective communication with our members. In fact, many of the Executive Board meetings had to be scheduled as virtual meeting due to my travel schedule. This year the Chapter added another key position of Technology Chair to our Board; a special thank you to Anthony Krake for taking on the daunting task of redoing and managing our Chapter’s LinkedIn site. Additionally, our Chapter’s communications were taken to an unprecedented level by Judith Neidoff, your Chapter Newsletter Chair. Her editing professionalism has given a new and refreshing look to our newsletter. I am proud to say that I have received numerous compliments on the quality of our newsletter from Chapter Presidents within and outside our Region. A regular feature of the newsletter is our Regulatory Section, prepared by Louise Vallee. Thank you Judith, Louise, and to all those that have contributed to the newsletter’s success.

Our final objective was to increase our membership and member participation. While the formation of the NJIT Student Section should help sustain our Chapter over time, unfortunately, I must report that obtaining increased participation from or membership roster of 500+ members continues to be a challenge. I urge each of you to recommit your time and talent to your Chapter. Due to our size, we have a tremendous opportunity to accomplish much more in the years to come, but we cannot do so without you help.

I must admit that four years ago when I began my journey as a member of the Chapter’s Executive Board, I never realized what was in store for me when our members entrusted our 2014-2015 Chapter Officers to lead the Chapter. I have grown as a professional from this experience and therefore I would like to extend a much heartfelt thank you to my Officers and the Executive Board for their guidance and support. I will not list them since there are far too many, but you know who you are.

In closing, I would like to congratulate your 2015-2016 Officers, listed below, who will be installed on June 27th, and ask you to join me in pledging our support to the Chapter in the coming years.

President – John Kraynanski
President Elect – Gregory Decker
Vice President – Lauren Cranmer
Treasurer – Robert Ortiz
Secretary – Louise Vallee

It was truly an honor to serve you and I look forward to working with our new officers as they set the course for the future of our Chapter.

Respectfully yours,

[Signature]
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### Regulatory Affairs Update

**Louis Vallee**

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April Chapter Meeting
Lauren Cranmer

Pictured from left to right: Nancy Orr, Global Director of EHS at BD, Patrick Delaney, NJASSE Chapter president, Esther Nevarez, Office of the Director for the NJ Division on Civil Rights: NJ Department of Law and Public Safety.

Franklin Lakes, NJ - On April 9, BD (Becton Dickinson) hosted our April chapter meeting at the organization’s corporate headquarters in Franklin Lakes. We were fortunate to have two engaging presentations covering ethics and workplace behavior following a short tour of the headquarters campus and a buffet style dinner.

Nancy Orr, Global Director of Environmental, Health, and Safety at BD presented the global ethics program ‘Ethical Fitness at BD.’ She explained the success the program has brought to BD as a global requirement for all associates.

Esther H. Nevarez, Office of the Director for the New Jersey Division on Civil Rights: NJ Department of Law and Public Safety presented ‘Preventing Sexual Harassment and other Hostile Behaviors in the Workplace.’ She covered different types of discrimination and sexual harassment as identified by the courts and explained how there can be corresponding liabilities for the employer. She defined the immediate and long-term preventive solutions managers and business owners should use to mitigate liability.

Both presentations were of particular value because they utilized real-life examples and illustrations in a highly interactive manner which encouraged participants to ask and answer questions in a way they may not have otherwise about ethics and workplace behavior.

Driver and Fleet Safety PDC
Judith Neidorff

Bill Margaretta presenting on driving culture during the NJASSE May PDC.

Piscataway, NJ – Our Chapter’s May PDC took place on Friday, May 8, at Rutgers University. This PDC’s focus was on Driver Safety, and it was truly a fantastic one. Bill Margaretta of Matrix NAC and President of the NJ State Safety Council, spoke on the dangers of our current driving culture with his presentation ‘How Culture Kills: Driving on the Road both On and Off the Job.’ Dennis Dougherty of Liberty Mutual focused on both current issues with driving and how to resolve them with his presentations ‘Distracted Driving’ and ‘Principles of Decision Driving.’ Finally, Joe Simone of Merck ended the PDC with a real-life example of how he changed driving culture at his company with the presentation ‘Fleet Safety: Success Stories at Merck.’ All of these presentations were engaging and led to interactive discussions on fleet

continued on p. 5
**Driver Safety PDC (continued from p. 4)**
safety, employer driving culture, and how various attendees have been working on resolving their own driving culture issues both at work and at home.

**May Chapter Meeting**
*Michael Peters*

Richard Wnek receiving the Joyce Cunningham Scholarship for his daughter Justine Wnek.

Morristown, NJ - The chapter's May meeting was hosted at Parm Centro in Morristown, NJ on May 14. Our speaker was our own Technology Chair Anthony Krake giving a presentation on ‘Apps for the Safety Professional.’ Anthony is the Environmental, Safety & Quality Manager for Alpine Painting & Sandblasting and has taken his company into a truly paperless environment. In addition to presenting the standard H&S Apps for things like hazmat, OSHA regulations, first aid, ladder inspection and heat stress tools, Anthony demonstrated how he set up his company so that his work crews only need to carry a tablet. Because of this, he is able to upload any form that he needs to a form making app and then can assign it to his crews to fill out, send back, and store it to a cloud service. The information can be then be accessed by anyone in the company who needs it. These forms include everything from daily work orders to toolbox talks to incident and near miss reporting. His presentation was truly inspirational for those that want to get more out the available technology.

The other highlight of the meeting was the presentation of the Joyce Cunningham Scholarship to Justine Wnek and received by her father, member Richard Wnek. Richard was very proud of his daughter for receiving this and shared that he had met and worked with Joyce Cunningham in the past making this a very special award.

Overall it was a great meeting with a small intimate setting with great food and close quarters that allowed for a lot of interaction between the society members.

**Spring Scholarship Recipients**
*Judith Neidorff*

Congratulations to Justine Wnek and Olusola Adedoyin, spring recipients of the NJASSE chapter scholarships. Justine Wnek received the Joyce Cunningham Scholarship, available for any NJASSE chapter member or family member with a GPA of 2.5 or greater, and Olusola Adedoyin received the Ted Brinkley Scholarship, available to juniors, seniors, and graduate level students studying Occupational Safety, Industrial Hygiene, Environmental Science, or related majors in NJ state schools. The NJASSE wishes them the best of luck with their upcoming semesters. For more information on the NJASSE scholarship program, please visit here.

**Construction Toolbox Talks**
Visit [Washing State Department of Labor & Industries](http://www.lni.wa.gov/safety/topics/atoz/toolboxtalks/) for a year's worth of construction tool box talks.
ASSE PDC 2015
Lauren Cranmer

Dallas, TX - The annual ASSE PDC and Exposition ran from June 7-10 and included a Safety Expo from Jun 7-9. The NJASSE Chapter was represented by members from the board at the House of Delegates meeting where they provided input on behalf of our Chapter to decisions made for ASSE in the coming year. Our Chapter also donated $1000 to the Foundation.

Members attended educational and inspirational safety and leadership sessions and vendor events and this year the NJASSE hosted our own event to encourage and thank our membership.

The NJASSE was recognized and received an award as a Gold Chapter for Region VIII. John Vogler accepted the award.

NJASSE’s own Louise Vallee presented on ‘The Sustainability Traction Plan: Opportunities for EHS Professionals.’

Safety Innovation Award

Dallas, TX – During the ASSE’s annual PDC, recipients are announced for the Safety Professional of the Year (SPY) and Safety Management Innovation awards. This year, NJASSE’s own Anthony Krake, the Environmental, Safety, and Quality manager for Alpine Painting, was one of five Honorable Mention recipients for the 2015 Award for Innovation in Occupational Safety Management. Anthony was honored for his development of a digital management system for small business. Those who attended the May NJASSE chapter meeting have had an opportunity to view this innovative and affordable system, which combines iPads, a software application, and a cloud-based storage system to allow instantaneous collaboration between offices and field crews. This tool has improved safety culture, regulatory compliance and document management for Alpine Painting.

OSHA Publications Resource

Did you know that OSHA has numerous publications and posters available for free? To see the full list, visit here!

https://www.osha.gov/pls/publications/publication.html
Occupational Exposures to New Drycleaning Solvents

Diana Ceballos, PhD, MS, CIH, Stephen Whittaker, PhD, Eun Gyung Lee, PhD, CIH

Employee pressing shirts by using two pressing machines in series. Source: http://blogs.cdc.gov/niosh-science-blog/2015/02/24/drycleaning-solvents/

There are about 36,000 commercial drycleaning shops in the United States. Most are owner-operated small businesses with fewer than 10 employees. In addition, some drycleaning shops may be owned and staffed by individuals with limited English language skills and/or may be marginally profitable— factors that may create additional barriers for the owner-operator to maintain a safe and healthy workplace.

Environmental regulatory requirements and an increased awareness of the potential occupational hazards from using the drycleaning chemical perchloroethylene (PERC) have resulted in some drycleaners switching to alternative chemicals. Some of the PERC alternatives are promoted as safe and environmentally friendly, although their effects on human health and the environment are not well characterized. Additionally, professional wet washing using water and detergents has also been used along with or to replace solvent-based drycleaning [EPA 2015].

In 2012, investigators from the National Institute for Occupational Safety and Health (NIOSH) began working with the Local Hazardous Waste Management Program in King County, Washington (LHWMP)* to learn about occupational exposures to two alternative solvents: a high-flashpoint hydrocarbon mixture and butylal.

For the full article, click here.

http://blogs.cdc.gov/niosh-science-blog/2015/02/24/drycleaning-solvents/

NIOSH Collaboration Looks to Reduce Risks on Lobster Boats

Scientists from NIOSH and L'Institut de recherche Robert-Sauvé en santé et en sécurité du travail (IRSST) recently collaborated at the Maine Fishermen’s Forum in Rockport Maine to discuss ways to reduce risks on lobster boats. The forum session focused on reducing risks for repetitive motion injuries as well as designing better deck layouts to prevent getting entangled in ropes and being pulled overboard. Information to reduce risk among fishermen in Quebec can be found here. For NIOSH information on reducing risk among fishermen, click here.

http://www.cdc.gov/niosh/enews/enewsV12n12.html#g

Safe Patient Handling Techniques

The NY DOL and Kaleida Health have teamed up to develop a series of video clips demonstrating “various types of equipment and their use in a successful safe patient/resident handling environment.” The videos are available over the NY DOL website and Youtube.

http://labor.ny.gov/workerprotection/safetyhealth/safe-patient-handling.shtm
New OSHA eTools

Solutions for Baggage Handling
Airline employees, including ticket agents and ramp agents, handle passenger baggage at several points throughout the baggage handling process. The body postures, repetitions, and forces required to lift, lower, push, pull, or carry passenger baggage can create potentially serious ergonomic hazards for the agents.

This eTool was developed as part of the OSHA-Airlines Industry and National Safety Council's International Air Transport Section Alliance and describes many of the common hazards associated with the baggage handling process as well as providing possible solutions that are ranked according to their feasibility to the operations. See Ergonomics for general solutions.


Materials Handling: Heavy Lifting
Lifting heavy items is one of the leading causes of injury in the workplace. In 2001, the Bureau of Labor Statistics reported that over 36 percent of injuries involving missed workdays were the result of shoulder and back injuries. Overexertion and cumulative trauma were the biggest factors in these injuries.

When employees use smart lifting practices and work in their “power zone,” they are less likely to suffer from back sprains, muscle pulls, wrist injuries, elbow injuries, spinal injuries, and other injuries caused by lifting heavy objects.


Lockout Tagout
A new training tool for has been developed for 29 CFR 1910.147, the Lockout/Tagout (LOTO) Interactive Training Program. This program is designed to expand knowledge of the LOTO standard at all levels. It contains three major components that can be completed in any sequence: a tutorial on the standard, a set of hot topics on LOTO that contains five abstracts, and a set of seven simulated LOTO inspections for interactive case studies. The LOTO Interactive Training Program is available here.


Safety & Health Management Systems
OSHA's new Safety & Health (S&H) Management Systems eTool is designed to help organizations develop S&H programs that involve all levels, instill strong safety cultures in the workers, and improve the bottom line for managers. The eTool asks four questions and uses their answers to help develop strong, proactive programs designed to create real and lasting change. For more, click here.


Sewing and Related Procedures
OSHA has developed a new eTool that provides ergonomic solutions specific to sewing activities. Some common affected groups of workers are those in the garment and vehicle upholstery industries. For more information on this eTool, please click here.

Carbon monoxide, also known as CO, is called the "Invisible Killer" because it’s a colorless, odorless, poisonous gas. More than 150 people in the United States die every year from accidental non-fire related CO poisoning associated with consumer products, including generators. Other products include faulty, improperly-used or incorrectly-vented fuel-burning appliances such as furnaces, stoves, water heaters and fireplaces. The Consumer Product Safety Commission (CPSC) has developed a video and safety tips on preventing carbon monoxide poisoning.


New OSHA Toolkit for Transitioning to Safer Chemicals

OSHA has developed a new toolkit to help businesses improve worker well-being through eliminating or reducing hazardous chemicals while creating other benefits, including:

- Cost Savings – Reduces expenses and future risks.
- Efficiency – Improves performance.
- Industry Leadership – Invests in innovation to stay competitive.
- Corporate Stewardship – Advances socially responsible practices.

This toolkit can be used by all types of businesses—it is for manufacturers using chemicals in their production processes as well as for businesses that use products containing chemicals in their everyday operations. For example, service-oriented workplaces (such as janitorial companies, auto body repair shops, and pathology labs) and construction work sites often use products containing chemicals that could present hazards to workers.

Workers also can use this toolkit to better understand chemical use in their workplace, find opportunities for using safer chemicals, and engage with their employers throughout the process of identifying, evaluating, and transitioning to safer alternatives. Secretary David Michaels has created an introductory video to the toolkit. To view the video, click the image or click here. To visit the toolkit, click here.

https://www.osha.gov/dsg/safer_chemicals/transitioning_video.html
https://www.osha.gov/dsg/safer_chemicals/index.html

Hearing Conservation Checklist

NIOSH has developed a Hearing Conservation Program Checklist to aid companies and sites in developing strong hearing conservation programs. To view the list, visit here.

http://www.cdc.gov/niosh/topics/noise/hearingchecklist.html
OSHA Updates Guidance for Protecting Healthcare and Social Service Workers From Workplace Violence

Washington DC – In 2013, the Bureau of Labor Statistics reported more than 23,000 significant injuries due to assault at work. More than 70 percent of these assaults were in healthcare and social service settings. Health care and social service workers are almost four times as likely to be injured as a result of violence than the average private sector worker. To reduce the risk, the Occupational Safety and Health Administration today released an update to its Guidelines for Preventing Workplace Violence for Healthcare and Social Service Workers. The publication includes industry best practices and highlights the most effective ways to reduce the risk of violence in various healthcare and social service settings.

“It is unacceptable that the people who dedicate their lives to caring for our loved ones often work in fear of injury or death,” said Assistant Secretary of Labor for Occupational Safety and Health Dr. David Michaels. “This updated booklet will help employers implement effective measures to reduce or eliminate workplace violence hazards.”

The revised guidelines – which update OSHA’s 1996 and 2004 guidelines – incorporate research in the last decade into the causes of workplace violence on healthcare and social service settings, risk factors that accompany working with patients or clients who display violent behavior, and the appropriate preventive measures that can be taken, amid the variety of settings in which health care and social service employees work. The guidelines also stress the importance of developing a written workplace violence prevention program. The program should include management commitment and employee participation, worksite analysis, hazard prevention and control, safety and health training, and recordkeeping and program evaluation.

More information on violence prevention in all workplace settings is available on OSHA’s Workplace Violence Web page.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA’s role is to ensure these conditions for America’s working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit www.osha.gov.

https://www.osha.gov/newsrelease/nat-20150403.html

New Topic Pages on Work and Reproductive Health

The NIOSH topic pages on reproductive health provide information for workers, employers, and healthcare professionals on issues related to men’s and women’s reproductive health, fertility, pregnancy, and breastfeeding. Newly added topic pages contain information on reproductive hazards associated with specific jobs and occupational exposures.

http://www.cdc.gov/niosh/topics/repro/

http://www.cdc.gov/niosh/topics/repro/pregnancy.html

NIOSH Patrol Car Safety

Motor vehicle events, including crashes and being struck by vehicles while outside patrol cars, are the leading cause of death among law enforcement officers. NIOSH has developed a poster featuring five simple things officers can do to take control of their safety inside and outside of the patrol car. The poster is available here.

http://www.cdc.gov/niosh/docs/2015-109/
Hello Members! I would like to take this opportunity to tell you a little more about myself and how I work for our chapter. I have been working in the field of environment, health, safety and sustainability since I graduated from Rutgers University in 2008. I recently acquired a ‘Green’ MBA in Sustainable Business in June of 2014. My education and experience has opened up my mind to new opportunities for building beyond EH&S compliance using sustainability initiatives. My career at BD includes participating on EH&S audits, SDS and website project management, organization of sustainability metrics and reports, conducting onsite training and providing EHS&S guidance for worldwide EHS&S coordinators. I currently maintain a Certified Safety Professional (CSP) designation through the Board of Certified Safety Professionals as well as a Certified Hazardous Materials Manager (CHMM) designation through the Alliance of Hazardous Materials Professionals.

As your elected NJ chapter treasurer, I never could have imagined how fantastic the experience working so close with ASSE would be! I collect and track our expenses and file our financial reports. I work very closely with our board, and in doing so, I have gained leadership skills that I have been able to apply in other areas of my career and life. I have even had the opportunity to travel and network with the leaders in other ASSE chapters as well as in Society through this role. I hope to encourage others to seize the opportunity to become an officer.

I am proud to be helping NJ ASSE start a student chapter this year. I think it will be very beneficial to have more up and coming safety professionals help with innovative new ideas and boost our online presence. I would highly encourage young business professionals to get involved with ASSE because there are endless opportunities to meet others in the field, travel, and take home best practices in EHS&S to their organizations. Please feel free to contact me for networking, chapter questions, or just to chat about EHS&S topics.

Lauren Cranmer
NJASSE Treasurer

Editor’s Note: Please note that as of June 27, Lauren Cranmer is the Chapter Vice President. We thank Lauren for all of the hard work she accomplished as Treasurer and look forward to the great work she’ll continue to do as Vice President!

Integrated Approach to S&H

NIOSH has developed a pamphlet called Opportunities for Employers to Create and Safer and Healthier Workplace that focuses on taking an integrated approach to worker health, safety, and well-being and work and beyond. To download a copy, click here.

**App of the Month**

**Miller Fall Clearance App**

*Anthony Krake*

Calculating fall clearance has never been so easy! With Miller’s Fall Clearance Application, available for most major smart phones and tablets, you can easily determine the fall clearance required for PFAS (Personal Fall Arrest Systems). By inputting the connection height, lanyard length, and Maximum Elongation/Deceleration Length, this application will simulate a fall and determine the required fall clearance and recommendations. When using this application for SRL (Self-Retracting Lifelines), it will also determine the swing fall radius based on the employee’s work position and work radius! Preventing a fall is always the best but when that can’t be done, this application will give you piece of mind that your PFAS setup will be effective. Check out more information about this app [here](www.millerfallprotection.com/...ap).

**Technology Corner**

**Tech Alert: 3MTM & DEUSTM Escape and Rescue Products**

*Anthony Krake*

Imagine you have a 300 foot tower crane on a jobsite and a catastrophe occurs: your cab has an electrical malfunction and it catches fire. You have two workers trapped at the edge of the crane but your average fire truck’s bucket cannot rescue them. What are you going to do to rescue your workers? When this question was asked to 3MTM, they paired up with DEUSTM and developed their new Rescue Transfer Unit. This unit is paving its way to be the new standard in construction self-rescue. It is light weight, portable, and built to work at heights up to 590’. Their design for the controlled decent device features four independent brakes to ensure precision control on descent and also guarantees a 2m/s descent speed. (Models for fire fighters are made to go 3m/s as well!) If that doesn’t impress you enough, this device not only handles self-rescue, it can be used for single escape, rapid sequential escape, and assisted-rescue after a fall! This means one device can be sufficient for multiple users. For a multi-person rescue, this device can lower a worker to the ground and return back to the top to lower another worker. It also has a built-in transfer system so in case of a fall, another worker can grab the kit and rescue his fellow worker. Stopping a fall is only half the battle, rescue is the other half, be prepared with the 3MTM and DEUSTM Rescue Products! For Escape and Rescue product information, please [click here](http://solutions.3m.com/...=rud).

**3MTM and DEUSTM Rescue Transfer Unit Kit with Triple Lock Carabiners: one of the many Escape and Rescue products available.**

Source: [http://solutions.3m.com/...=rud](http://solutions.3m.com/...=rud).
E-Waste Safety

Workers involved in electronic waste (e-waste) recycling are exposed to many hazards, including risk of injury, hearing loss, and exposure to toxic dusts and chemicals. The California Department of Public Health, HESIS, has developed a fact sheet on these hazards and how to protect workers from them. For more information, please click here.


Scrap Metal Recycling

OSHA has developed a publication on safety and health hazard guidance, identification, and control in metal scrap recycling. To download a copy, click here.


Free Carbon Footprinting for Beginners

The new update to publically available specification (PAS) 2050, PAS 2050:2011 is now available as a free download from BSI Corporation. PAS 2050 was originally published in 2008 as the first framework methodology for product carbon footprinting. It can be used by organizations of any size and in any location to assess climate change impact of offered products. PAS 2050:2011 demonstrates how to carbon footprint products, identify hotspots, and reduce emissions in supply chains. For a copy of the PAS, please click here.

http://shop.bsigroup.com/forms/PASs/PAS-2050-Guide/

CSP Question of the Month

Robert Ortiz

Which device is best for measuring an employee’s accumulated radiation dose?

- a. Portacount
- b. Currie Counter
- c. Pocket Dosimeter
- d. Geiger Counter


Last month’s response: B (Class I, Div 2)
Publication on Silica/Asphalt Milling

NIOSH has developed a new document through the Silica/Asphalt Milling Machine Partnership. This document provides best practices to help reduce respirable crystalline silica exposures during asphalt pavement milling in highway construction. NIOSH thanks the partnership for 10 years of successful collaborative research. To access the document, visit here. To learn more about engineering controls for silica in construction, visit here. For more information, contact CDR Duane Hammond at DHammond@cdc.gov or (513) 841-4286.

http://www.cdc.gov/niosh/docs/2015-105

http://www.cdc.gov/niosh/topics/silica/constructionControlMain.html

NTSB Issues Urgent Recommendations Calling For Improved Rail Tank Cars to Carry Flammable Liquids Such as Crude Oil and Ethanol

The National Transportation Safety Board (NSTB) has issued four urgent recommendations calling for more robust and fire-resistant rail cars to be produced to safely carry flammable liquids such as crude oil and ethanol.

In its recommendations, the Board calls for an aggressive schedule of replacing or retrofitting the current rail car fleet with better thermal protection against heat from fires, such as through a ceramic thermal blanket, and increasing the capacity of pressure relief devices.

“We can’t wait a decade for safer rail cars,” said NTSB Chairman Christopher A. Hart. “Crude oil rail traffic is increasing exponentially. That is why this issue is on our Most Wanted List of Safety Improvements. The industry needs to make this issue a priority and expedite the safety enhancements; otherwise, we continue to put our communities at risk.”

The Board said the current fleet of DOT-111 tank cars rupture too quickly when exposed to a pool fire caused by a derailment or other accident with resulting spillage and ignition. Based on a series of accidents the Board has investigated in recent months, performance of the industry’s enhanced rail car, the CPC-1232, is not satisfactory under these conditions.

“The NTSB concludes that the thermal performance and pressure relief capacity of bare steel tank cars that conform to current federal and industry requirements is insufficient to prevent tank failures from pool fire thermal exposure and the resulting overpressurization,” said the letter that included the recommendations from the Board to Acting Administrator Timothy P. Butters of the Pipeline and Hazardous Materials Safety Administration.

The Board also called for swiftness in changing the fleet and called for intermediate deadlines and transparent reporting to ensure the tank car fleet is being upgraded as quickly as possible.

To view the recommendation, click here.


New Comparison of Workplace to Non-Workplace Suicides

A new NIOSH study published in the American Journal of Preventive Medicine analyzes the upward trend of suicides that take place in the workplace and identifies specific occupations in which individuals are at higher risk. In the study, authors found that those in protective services, farming/fishing/forestry, and automotive maintenance and repair have the highest workplace suicide rates. Authors suggest that a more comprehensive view of work life, public health, and work safety could enable a better understanding of suicide risk factors and how to address them. Suicide is a multifactorial outcome, and, therefore, multiple opportunities to intervene in an individual’s life—including the workplace—should be considered. The workplace can be a potential site to implement such programs and train managers in the detection of suicidal behavior, especially among the high-risk occupations identified in this paper. The article, “Suicide in U.S Workplaces, 2003–2010, a Comparison with Non-workplace Suicides,” can be found here.


http://www.cdc.gov/niosh/enews/enewsv12n12.html#k

OSHA Adds Key Hazards for Investigators’ Focus in Healthcare Inspections

Washington DC – Targeting some of the most common causes of workplace injury and illness in the healthcare industry, OSHA announced the agency is expanding its use of enforcement resources in hospitals and nursing homes to focus on:

- Musculoskeletal disorders related to patient or resident handling
- Bloodborne pathogens
- Workplace violence
- Tuberculosis
- Slips, trips and falls

U.S. hospitals recorded nearly 58,000 work-related injuries and illnesses in 2013, amounting to 6.4 work-related injuries and illnesses for every 100 full-time employees: almost twice as high as the overall rate for private industry.

“Workers who take care of us when we are sick or hurt should not be at such high risk for injuries; that simply is not right. Workers in hospitals, nursing homes and long-term care facilities have work injury and illness rates that are among the highest in the country, and virtually all of these injuries and illnesses are preventable,” said Dr. David Michaels, assistant secretary of labor for occupational safety and health. “OSHA has provided employers with education, training and resource materials, and it’s time for hospitals and the health care industry to make the changes necessary to protect their workers.”

OSHA has advised its staff through a memorandum that all inspections of hospitals and nursing home facilities, including those prompted by complaints, referrals or severe injury reports, should include the review of potential hazards involving MSD related to patient handling; bloodborne pathogens; workplace violence; tuberculosis; and slips, trips and falls.

“The most recent statistics tell us that almost half of all reported injuries in the healthcare industry were attributed to overexertion and related tasks. Nurses and nursing assistants each accounted for a substantial share of this total,” added Dr. Michaels. “There are feasible solutions for preventing these hazards and now is the time for employers to implement them.”

NJSSC Training Institute offers many courses designed to advance safety for the operator, supervisor, and safety professional. The following are the courses that will be offered over the next two months. Please visit here for more information on the NJSSC and here to view the full course catalogue.

**July 2015**
- 7/9/15–7/10/15 Supervisor’s Development Training
- 7/15/15 Coaching Lift Truck Operator Train-the-Trainer
- 7/17/15 OSHA Fall Protection & Scaffold Safety
- 7/23/15–7/24/15 10 Hour OSHA Standards in General Industry
- 7/31/15 Team Safety

**August 2015**
- 8/12/15 Coaching Lift Truck Operator Train-the-Trainer
- 8/27/15–8/28/15 10 Hour OSHA Safety & Health Standards for Construction

**Learn@ASSE**

Did you know that the ASSE has a website dedicated to professional development online? Learn@ASSE contains everything from webinars to guidance on future development to stories from safety professionals in all stages of development. Take the opportunity to visit today and see how Learn@ASSE can help you develop further along your career path!

How to submit an article

Did you attend an event that you can’t wait to let the world know about or have an area of expertise that you love discussing? What about a question on a safety topic or a personal highlight? Want to brag about your company’s EHS accomplishments? The NJASSE chapter newsletter focuses on news relevant to you and welcomes all submissions. To enter an article or a personal recognition for publication, please send to the Editor at news@njasse.org. Articles must be submitted by the 7th of the month to appear in that month’s newsletter.

**NJASSE on LinkedIn**

Did you know that the NJASSE has its own community on LinkedIn? Click here to join!