

Hazardous Substances

Potential Health Risks to DOD Firing-Range Personnel from Recurrent Lead Exposure



exposure, set more than 30 years ago, are inadequate to protect worker populations. This report was conducted at the request of DOD, whose employees at military firing ranges are exposed to lead recurrently when they handle ammunition, conduct maintenance on ranges, and breathe lead dust released into the air by gunfire

Read more:

<http://dels.nas.edu/Report/Potential-Health-Risks-Firing/18249>

There is overwhelming evidence that the OSHA general industry standards for lead

Study Reveals Risks for Low-Wage Workers

A new obesity study uncovers risks for low-wage workers. Rather than focusing on sedentary lifestyles, a New England community partnership study, funded by NIOSH and the National Institutes of Health, on obesity/overweight and the role of working conditions looks at low-wage workers toiling in heavy labor and how their work conditions contribute to weight gain and obesity.



Read more:

http://www.cdc.gov/niosh/ene/ene_wsV10N8.html#e

Special Interest Articles:

- [Firing Range](#)
- [Neutral Posture](#)
- [Winter Safety](#)
- [GHS Facts](#)
- [New CIHs](#)

DOEHRS Super Star

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CPWR Launches 'One Stop' Silica Website



silicosis

The Center for Construction Research and Training has launched a new website sure to be of use to anyone concerned with workers' silica exposures

and controls to prevent them. The site, named Working Safely with Silica, offers numerous resources to help contractors and workers understand the health risk involved and implement measures to control dust.

Read more:

<http://ohsonline.com/articles/2012/11/16/cpwr-launches-silica-website.aspx?admgarea=news>

Exposure Assessment for Roofers Exposed to Silica during Installation of Roof Tiles

Occupational exposure to silica in the construction industry has been well documented, and respirable crystalline silica (quartz and cristobalite) has been associated with silicosis' lung cancer, pulmonary tuberculosis, and airway diseases.

These concerns prompted a local construction union to request assistance from the National Institute for Occupational Safety and Health (NIOSH) for health hazard evaluations concerning



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exposures to dust and silica among roofers in Phoenix, Arizona. In response to these requests, NIOSH performed field studies to evaluate roofers' exposures to silica.

Read more: Journal of Occupational and Environmental Hygiene Volume 10, Issue 1, 2013 (Available with AIHA membership)

OSHA Staff Works to Assure that Recovery Workers Are Protected



OSHA is urging workers and members of the public engaged in Hurricane Sandy cleanup and recovery efforts in New York and New Jersey to be aware of the hazards they might encounter and the steps they should take to protect themselves. To provide

assistance and information, OSHA has published a comprehensive new Hurricane Sandy cleanup and recovery webpage, with resources on the common hazards associated with hurricane recovery work, including fact sheets, concise QuickCards, frequently asked questions, and safety and health guides. The page is also available in Spanish. A number of fact sheets and QuickCards on hurricane-related hazards have also been translated into Portuguese.

Read more:

<http://www.osha.gov/as/opa/quicktakes/qt11152012.html#1>

Evaluation of Air Sampling Methods for Abrasive Blasting

HHE Program investigators compared methods for collecting personal breathing zone air samples for particulates during abrasive blasting. Abrasive blasting is the cleaning or finishing of surfaces by the use of an abrasive carried in a strong current of air. Investigators found that all three sampling methods collected too much



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particulate. This overloading caused frequent sampling pump failures. The harsh and dusty abrasive blasting environment also caused sampling pumps to disconnect and turn off.

Investigators concluded that

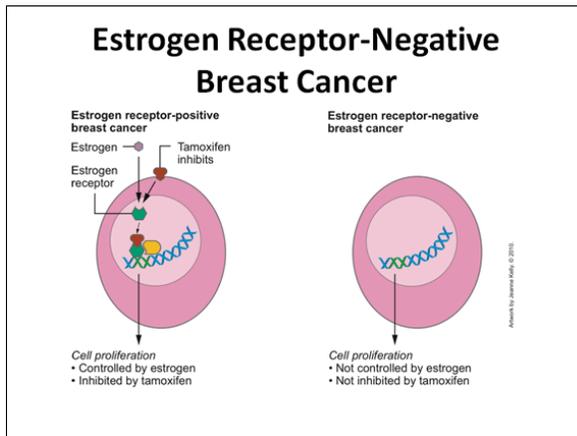
- Sampling methods that can withstand this harsh environment have not yet been developed

- New sampling methods need to be developed in order to accurately measure employees' exposures during abrasive blasting operations

Read more:

<http://www.cdc.gov/niosh/enevents/eneventsV10N7.html#hhe>

Can Your Job Increase Your Risk of Developing Breast Cancer?



A study explores the occupations with the strongest links to breast cancer. As the most common cancer among women, breast cancer's potential triggers — from genes to behaviors to lifestyle and

even environmental exposures — are relatively well studied. But researchers in Canada were interested in understanding how one factor in particular — the work environment — can affect a woman's risk of developing the disease, and found that some jobs that expose workers to potential hormone-disrupting chemicals and carcinogens may contribute to a 42% higher risk of developing breast cancer compared with women who did not work in those settings.

Read more:

<http://healthland.time.com/2012/11/20/can-your-job-increase-your-risk-of-developing-breast-cancer/#ixzz2DWuDhxi>

NIOSH Publishes Revised Medical Surveillance for Healthcare Workers Exposed to Hazardous Drugs

In a new publication, NIOSH recommends that employers establish a medical surveillance program as part of a

comprehensive prevention program that also minimizes worker exposure through engineering controls, good work practices,

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and personal protective equipment (PPE) and provides education about working with hazardous drugs.

Read more:

<http://www.cdc.gov/niosh/enevents/eneventsV10N8.html#g>



Michigan Behavioral Risk Factor Survey on Work-related Skin Disease



Results from the 2011 Michigan BRFSS survey of skin diseases in Michigan, reported last month by Michigan State University and the Michigan Department of

Community Health, found that the proportion of work-related skin conditions was 1.8 times larger than the proportion estimated by NIOSH from an occupational health supplement to the 2010 National Health Interview Survey. The Michigan results support the NIOSH conclusion that the Bureau of Labor Statistics employer based survey misses about 90% of work-related dermatitis, the authors found.

Read more:

<http://www.cdc.gov/niosh/enevents/eneventsV10N8.html#g>

Mold Hazard Fact Sheet for Sandy Responders Available

In an effort to protect workers rebuilding portions of the East Coast in the wake of Hurricane Sandy, OSHA has released a fact sheet on mold hazards that may occur during cleanup activities. The fact sheet is a tool for employees and employers involved in the cleanup that will inevitably involve mold in some areas. It includes information on mold and safe plans for eradication.

In addition, users of this tool can learn more about protective attire and equipment. Available online, the fact sheet is not a replacement for employers' responsibility to monitor workers' mold protection, but it supplements this effort and makes the process safer.

Read more:

<http://ohsonline.com/articles/2012/12/11/>



[mold-hazard-fact-sheet-for-sandy-responders-released-by-osha.aspx?admgarea=news](http://www.osha-slc.gov/mold-hazard-fact-sheet-for-sandy-responders-released-by-osha.aspx?admgarea=news)

Reducing Exposure to Lead and Noise at Outdoor Firing Ranges



The National Institute for Occupational Safety and Health (NIOSH) recently published recommendations for reducing

exposure to lead and noise at indoor firing ranges [NIOSH 2009]. However, workers and users of outdoor firing ranges may be exposed to similar hazards. This followup document examines exposures at these ranges and recommends steps to reduce such exposures.

Read more:

<http://www.cdc.gov/niosh/docs/wp-solutions/2013-104/>

Radiation

DOD Launches Tomodachi Registry Website

The Department of Defense (DoD) launched the Operation Tomodachi Registry website. The website provides location-based radiation dose estimate reports for adults and children comprising the DoD-affiliated population on or near mainland Japan following the Great East Japan Earthquake and Tsunami of March 11, 2011.

DoD-affiliated members who were in Japan during the nuclear reactor crisis, medical providers, and the public at large will be able to download location-based radiation dose estimate reports from the website. These reports include medical interpretations and provide comparisons of the Operation Tomodachi radiation doses with more commonly experienced radiation doses.



Read more:

<http://www.defense.gov/releases/release.aspx?releaseid=15552>

Report Reveals Conflict of Interest at Nuclear Sites

U.S. Nuclear Research and Test Reactors



According to government investigators, conflicts of interest have surfaced among contractors working for the U.S. Department of Energy. Companies hired to perform a multi-billion dollar decommission and decontamination of two nuclear weapon sites were supervising contractors in which they had a financial stake.

Read more:

<http://ohsonline.com/articles/2012/11/10/>

[report-reveals-conflict-of-interest-at-us-nuclear-clean-](#)

[up.aspx?admgarea=ht.HealthMedicalManagement](#)

Ventilation

Parallel Benefits of Variable Speed

Energy efficiency coupled with demand-response benefits makes variable-speed technology a valuable option.

It's no secret that energy consumption is on the rise throughout the world. At the current growth rate, predictions by the Edison Electric Institute indicate, the United

States alone could see an increase in usage as high as 31% by 2035—and that is in the face of a global economic crisis.

Read more: <http://hpac.com/air-conditioning/parallel-benefits-of-variable-speed-1012/>

PPE

New Test Method for Needlestick-Resistant Gloves Released



IRSST, a safety research organization located in Montreal, Canada, has published a new study in response to joint requests to identify gloves that afford adequate

needlestick protection. A growing number of workers face this hazard, according to the agency, which says health care employers' control strategy should include administrative measures, protective clothing, and needlestick-resistant gloves.

Read more: <http://ohsonline.com/articles/2012/11/20/new-test-method-for-cut-resistant-gloves-released.aspx?admgarea=news>

Flame Resistant Clothing: Get 'The Fact's' not 'The Story'



The words "Inherent" and "Treated" are commonly used when referring to flame resistant (FR) fabrics, but very few people understand the relevance of the terms. A recent article published in OH&S about flame resistant clothing contained a lot of excellent information. Unfortunately, there

was a section about "inherent" vs. "treated" flame resistant fabrics that was inaccurate, incomplete, and/or misleading on this topic, necessitating a review of the facts.

First and foremost, it is important to understand that "inherent" and "treated" are marketing terms with no origin in textile science and with little or no consistency of application fiber to fiber, fabric to fabric, or year to year.

Read more:

<http://ohsonline.com/articles/2012/12/11/fr-apparel-facts-not-story.aspx?admgarea=ht.PPE>

Understanding EN and NFPA Standards for Chemical Protective Suits

Preparedness is the watchword for any professional who puts his or her life on the line to deal with chemical spills, accidents, and other dangerous situations. While training is important, when a hazmat suit is the only thing standing between a first responder and harmful chemicals or gases, the performance of the protective suit is absolutely vital. Past chemical industrial disasters and incidents have served as real-life lessons, helping to demonstrate the needs, risks, and challenges facing emergency response teams and driving safety and performance standards, as well



as innovation in the protective fabric industry.

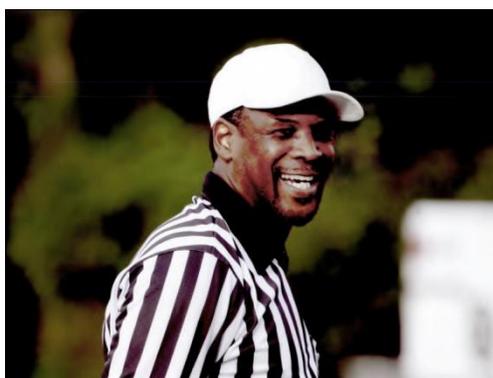
Read more:

<http://ohsonline.com/articles/2012/12/01/>

[understanding-en-and-nfpa-standards-for-chemical-protective-suits.aspx?admgarea=ht.PPE](#)

Noise

Sports Officials' Hearing Status: Whistle Use as a Factor Contributing to Hearing Trouble



The objectives of this study were to examine the prevalence of hearing loss in a sample of sports officials and estimate the duration of whistle use required to reach a permissible 8-hr 100% noise dose. We conducted an online survey of 321 sports officials regarding their exposure to whistle noise and symptoms of hearing loss and tinnitus, and we assessed the acoustic

characteristics of commercially available whistles. Male sports officials registered in Michigan had a greater prevalence of self-reported hearing trouble and tinnitus than observed in the general population of the midwestern United States. Sound levels produced by whistles range between 104 and 116 dBA, which corresponds to maximum unprotected exposure times of 90 to 5 sec, respectively. These findings suggest that whistle use may contribute to hearing loss among sports officials.

Read more: *Journal of Occupational and Environmental Hygiene* Volume 10, Issue 1, 2013 (Available with AIHA membership)

Occupational and Recreational Noise Exposure from Indoor Arena Hockey Games

Occupational and recreational noise exposures were evaluated at two sporting arenas hosting collegiate hockey games (Venue 1) and semi-professional hockey

(Venue 2). A total of 54 personal noise dosimetry samples were taken over the course of seven home hockey games: 15 workers and 9 fans at Venue 1, and 19

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workers and 11 fans at Venue 2. None of the sampled workers were overexposed to noise based on OSHA criteria. However, 40% and 57% of workers at Venue 1 and 33% and 91% of fans at Venue 2 were overexposed based on ACGIH noise exposure criteria. Noise exposures for fans were significantly different between

venues, but worker noise exposures between venues were not significantly different.

Read more: Journal of Occupational and Environmental Hygiene Volume 10, Issue 1, 2013 (Available with AIHA membership)

What Sound? Popular Music Devices Could Be Dialing Up Hearing Losses



The popularity of personal music devices like iPods and other MP3 players and their

lack of sound-limiting controls has a Harris Health System ear specialist concerned. These devices, when combined with attached ear buds and headphones, can generate sound levels up to 115 decibels, well above the highest level of 85 decibels recommended by most hearing experts.

Read more:

<http://www.sciencedaily.com/releases/2012/11/121127190033.htm>

Preventive Medicine

CDC Study Pinpoints Airport Smoking Area' Pollution Levels

Just ahead of the holiday airport rush, CDC posted the news of a study it conducted about designated smoking areas in major U.S. airports, comparing the air pollution levels inside and immediately outside them to smoke-free major airports. CDC's summary said five of the 29 largest U.S.



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airports allow smoking in designated areas – and they include Hartsfield-Jackson Atlanta International Airport, the busiest U.S. airport in 2011 with 44 million enplanements, according to FAA. Average air pollution levels from secondhand smoke immediately outside designated smoking areas in the five airports were five times higher than levels

in smoke-free airports, according to the study, and ventilated smoking rooms

Read more:

<http://ohsonline.com/articles/2012/11/26/cdc-study-pinpoints-pollution-levels.aspx?admgarea=news>

Humanitarian Aid Work Raises Risk of Depression and Anxiety



news is that there are steps that they and their employers can take to mitigate this risk.

Read more:

<http://www.sciencedaily.com/releases/2012/10/121001132152.htm>

Humanitarian workers are at significant risk for mental health problems, both in the field and after returning home. The good

Updating the Message to Get Americans Moving

The public health message about exercise is that any amount is good and that walking is just fine. Everyone has been told, repeatedly, that regular exercise improves health and makes people feel better, happier, more energetic. Nearly all Americans say they have heard those messages. They know that exercise is good for them and that they should do it. Yet they do not.

About 40% of Americans report that they never exercise, a figure that has remained



steady for decades. They will not even do the easy stuff.

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Read more:

<http://well.blogs.nytimes.com/2012/11/19/>

[updating-the-message-to-get-americans-moving/](#)

CDC Sees Signs of Early, Bad Flu Season



The early uptick in flu infections that are predominantly the H3N2 strain shows some worrisome parallels to the nation's last bad

regular flu season in 2003-04, officials from the CDC.

The CDC's warning that flu has picked up its pace about a month earlier than usual came during a media teleconference with reporters and at the start of its annual National Influenza Vaccination Week (NIVW), designed to encourage vaccination ahead of the main holiday season and the most active months for flu activity.

Read more:

<http://www.cidrap.umn.edu/cidrap/content/influenza/general/news/dec0312flu.html>

Environmental Health

Plastic Packaging Industry Shifting to Bio-based Products

A new technology developed in Finland is enabling the plastic packaging industry to shift toward bio-based products, away from dependence on plastics made from petroleum.

With this technology, bio-based plastic packages will outperform traditional packaging materials not just ecologically but also in terms of quality. The key element is PGA polymer.

Read more: <http://enr.com/news/2012/12/05/plastic->



[packaging-industry-shifting-to-bio-based-products/](#)

New ARL Thermoelectric Technology, Approaches To Reclaim Wasted Energy



In one of its latest research projects, the U.S. Army Research Laboratory is investigating thermoelectric properties of materials on the Shadow Tactical Unmanned Aerial System, and techniques that could convert heat into energy.

The Shadow Unmanned Aerial System, or

UAS, is used by the Army and Marine Corps for reconnaissance, surveillance, target acquisition and battle damage assessment.

The special effect they are leveraging is called "thermoelectric power generation," and researchers are relying on a unique effect that produces electric energy between hot and cold temperatures, like on one side of a device -- a tailpipe which easily can climb past 2,000 °F -- that meets with frigid flowing air at high altitudes above ground.

Read more:

<http://eponline.com/articles/2012/08/10/pine-trees-one-of-biggest-contributors-to-air-pollution.aspx?admgarea=ht.air>

Ergonomics

Family Background Affects Risk of Disability from Back Disorders

Work and lifestyle factors affecting the risk of disability due to low back disorders tend to be shared among family members, according to a study using data from a large sample of "discordant" Finnish twins — that is, one twin was on disability and the other off disability.

Read more:

<http://ohsonline.com/articles/2012/11/15/f>



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[amily-background-affects-risk-of-disability-from-back-disorders.aspx?admgarea=news](http://www.denix.osd.mil/ergoworkinggroup/upload/Issue-130-Nov-Dec-2012-Strength-Through-Neutrality-The-Big-Deal-About-Having-a-Neutral-Posture.pdf)

The Big Deal About Having a Neutral Posture

Ergonomists, industrial hygienists, safety officers, physical and occupational therapists, and even your mother will tell you to maintain a good posture. While you generally listen to your mom's advice, you might ask yourself, "At my job, why does it matter if I keep a good, neutral posture?"

Quite simply, neutral postures maximize strength, speed, and endurance.

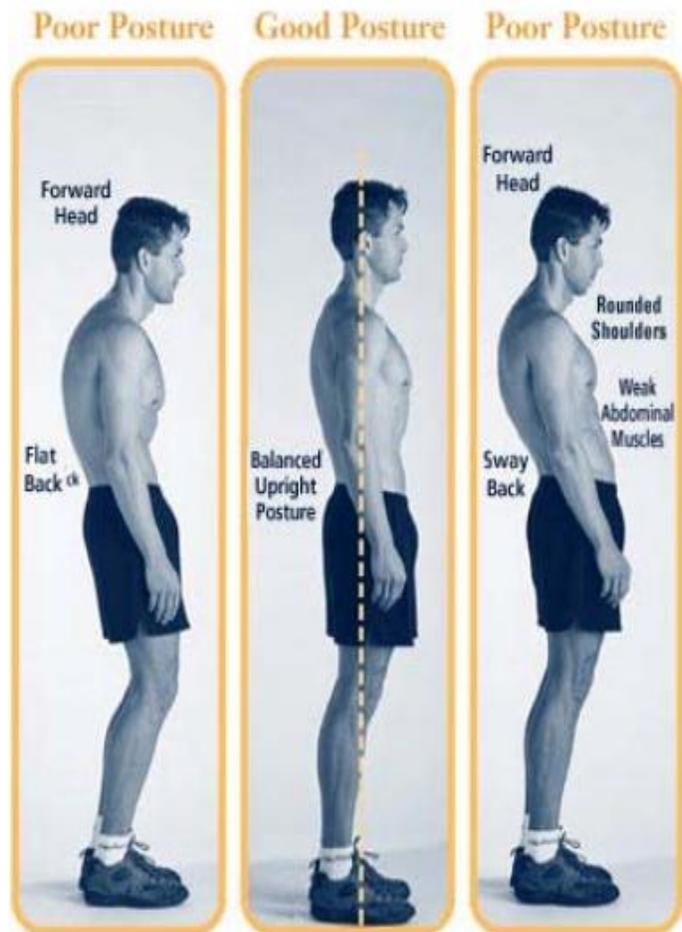
A neutral posture:

- Promotes blood flow into the muscles making your muscles less tired.
- Promotes nerve conduction increasing your speed.
- Decreases your risk of a work-related musculoskeletal disorder (WMSD).

Read more: DoD Ergonomics

Working Group NEWS

<http://www.denix.osd.mil/ergoworkinggroup/upload/Issue-130-Nov-Dec-2012-Strength-Through-Neutrality-The-Big-Deal-About-Having-a-Neutral-Posture.pdf>



Safety

Army Launches Winter Safety Campaign



The U.S. Army Combat Readiness/Safety Center officially launched the Army Safe Winter campaign , providing leaders, Soldiers and safety professionals valuable information to augment their seasonal safety programs. The campaign is the second of four installments of the "Know the Signs" safety effort. While fatal accidents usually dip during the winter months, it's no time to be complacent about safety.

Read more:

http://www.army.mil/article/91795/Army_Launches_Winter_Safety_Campaign/

Qualified Person Requirement Added to Fire Door Inspection Standard

A signification change has been made in the 2013 edition of the NFPA 80 standard concerning inspection of fire door and window assemblies, and it will answer one of the most frequently asked questions about the standard, the association reported last week, The question is who can perform the mandatory annual inspection of fire doors, and whether those individuals need formal training or certification.

Read more:

<http://ohsonline.com/articles/2012/11/26/qualified-person-requirement-added-to->



fire-door-inspection-standard.aspx?admgarea=news

How Do New Marijuana Laws Affect Workplace Safety?



Voters in two states have approved the legalization of small amounts of recreational marijuana. Also, 17 states and the District of Columbia now allow medical pot. Does this require changes in companies' workplace drug policies?

In a few words, most likely, no.

There are two reasons:

- The new laws specifically say that companies can still have certain drug-use policies for their employees, and
- Federal law still prohibits any possession of marijuana

Read more:

<http://www.safetynewsalert.com/how-do-new-marijuana-laws-affect-workplace-safety/>

Long Shifts Lead to Nurse Burnout and Dissatisfied Patients

Extended work shifts of twelve hours or longer are common and popular among hospital staff nurses, but a new study reports that nurses working longer shifts were more likely to experience burnout, job dissatisfaction, and patients were more dissatisfied with their care.

Read more:

<http://www.sciencedaily.com/releases/2012/11/121106114046.htm>



FAA Wants OSHA to Enforce Some Occupational Safety and Health Standards



In the past, worker safety sometimes has taken a back seat on the plane to aviation safety in general. Soon, however, the skies

might become friendlier for flight attendants and other crew members. While the Federal Aviation Administration's (FAA) aviation safety regulations continue to take precedence, the agency is proposing that OSHA be able to enforce certain occupational safety and health standards currently not covered by FAA oversight.

Read more: <http://ehstoday.com/osha/faa-wants-osha-enforce-some-occupational-safety-and-health-standards>

How to Energize Your Safety Inspection Process

Common practice for safety inspections entails review of a lengthy list of compliance-slanted audit elements by a small number of safety professionals or other managers. While this process has merit, your overall safety inspection mechanism can be enhanced in order to energize the culture and achieve even greater returns.

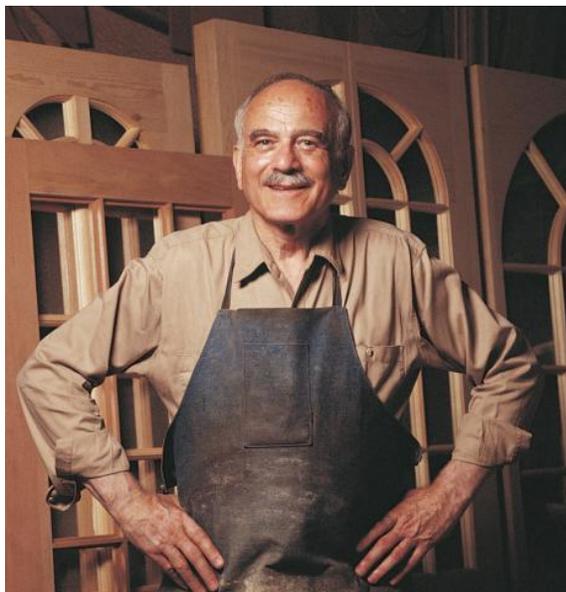
These five easy launch steps will move your safety process from common to uncommon while energizing your entire plant:

Read more:

<http://ehstoday.com/safety/how-energize-your-safety-inspection-process>



Meeting the Needs of Next-Generation Workers



Aging and Work at Boston College, the next generation of workers will likely combine younger and older employees because four of every five baby boomers plan to work past the "normal retirement" age — either because they want to or will need the extra income.

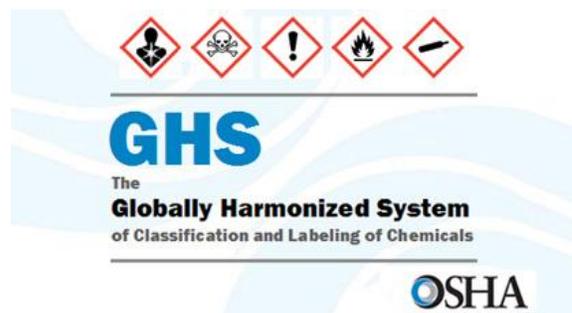
Read more:

<http://ohsonline.com/articles/2012/11/01/meeting-the-needs-of-next-generation-workers.aspx?admgarea=ht.HandProtection>

When we consider the next generation of plant workers, we typically think of younger workers who may be relatively new to the job market. But according to The Center for

Just the Facts About GHS (Infographic)

The Globally Harmonized System (GHS) is a hot topic of discussion, both domestically and internationally. While GHS has historically focused on the international community, with early adoption by the European Union and Japan, the GHS trend is moving west and will definitely be in the spotlight in the U.S. in 2012. GHS has already had and will continue to have profound effects on chemical data management initiatives, both for companies that must author and publish material



safety data sheets (MSDS) for their chemical products, as well as those companies that

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must manage (M)SDS and related chemical data for onsite chemical inventories.

Read more:

<http://www.sitehawk.com/downloads/ghs-infographic.html>

People Exposed To WTC Toxic Fumes Showing Improvement in Lung Function



function, indicating that airway injury is reversible in at least some cases.

Researchers analyzed the results of repeated lung function tests in more than 900 people exposed to the WTC site during or after the terrorist attacks. At the first evaluation, the patients had a "restrictive" pattern of lung-function abnormalities and approximately 86% had breathing-related symptoms.

New health research gives hope to workers and residents exposed to toxic dust and fumes after the collapse of the World Trade Center towers on 9/11.

Read more:

<http://www.ishn.com/articles/94689-people-exposed-to-wtc-toxic-fumes-showing-improvement-in-lung-function>

A study finds that some of those people have shown gradual improvement in lung

Emergency Preparedness

The New Situational Awareness for Emergency Responders

In the past, emergency responders have been satisfied with receiving only essential data for a call, including the type of situation and the location to which they were responding. Any other information, such as a map to reference where they were going, was considered a lucky break.



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Advancements in public safety technology systems are continuously evolving to provide better information and enhanced decision-making. These enhancements include automated communications between dispatchers/responders and response mechanisms that improve critical data access. These advancements serve to better protect emergency response

personnel and the public that relies upon them.

Read more:

<http://ohsonline.com/articles/2012/12/01/the-new-situational-awareness-for-emergency-responders.aspx?admgarea=ht.EmergencyResponse>

Deployment Health

Army Program Aims To Protect Soldiers' Hearing



The U.S. Army is evaluating commercial-off-the-shelf options for a new hearing-protection system that will provide Soldiers with the situational awareness to increase mission effectiveness and the safety and

survivability they need, officials said.

The assistant product manager for the Tactical Communication and Protective System said the goal is preventing hearing injury while allowing Soldiers to remain cognizant of their environment during combat.

Read more:

http://www.army.mil/article/92514/Army_program_aims_to_protect_Soldiers_hearing/

Football Helmets for Soldiers

Natick Soldier Research, Development and Engineering Center have been studying University of Southern Mississippi football helmet technology to investigate its potential for protecting soldiers from brain injury.



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The liner, designed to minimize the impact of collisions on the gridiron, received a five-star safety rating for football helmets. Since soldiers and athletes are equally vulnerable to traumatic brain injuries (TBIs), the military and sports find themselves on the same team.

Read more:

<http://www.foxnews.com/tech/2012/11/26/football-helmets-for-soldiers/#ixzz2DYBmki66>

Nanotechnology

Nanotech 'Second Skin' Could Protect Soldiers from Chemical Threats



Advances in nanotech have allowed research into materials that actively detect and shut out harmful molecules, or even shed layers like real skin. It could be a lifesaver for soldiers and emergency workers.

A soldier in the field has lots of protection: A helmet, flak jacket, armored panels and so on. But when it comes to chemical and biological warfare, that equipment is virtually useless. Gases and bacteria can penetrate or simply cling to soldier's garments and gear, wreaking havoc later despite being highly diffuse.

Read more:

<http://www.nbcnews.com/technology/futureoftech/nanotech-second-skin-could-protect-soldiers-chemical-threats-1C7291458#/technology/futureoftech/nanotech-second-skin-could-protect-soldiers-chemical-threats-1C7291458>

New Publication Documents NIOSH's Progress in Nanotechnology

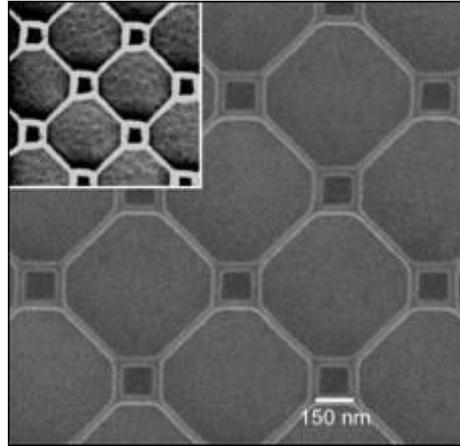
A new NIOSH publication documents the progress of the agency's Nanotechnology Research Center (NTRC), which was established in 2004 to help fill gaps in knowledge related to nanotechnology and workplace health and safety. The report covers NTRC's accomplishments from 2004

through 2011, including project-specific progress reports. Below are a few examples of NTRC's "outputs and impacts," according to the publication:

Creation of early guidance on design and conduct of nano-toxicology studies

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Creation of interim guidance for medical screening and hazard surveillance
Contributions to establishing the U.S. and international position that a precautionary approach to controlling exposures to engineered nanoparticles is warranted
Completion of more than 40 field assessments in nanomaterial manufacturer and user facilities



Read more:

<http://www.aiha.org/news-pubs/synergist/newswatch/Pages/NewPublicationDocumentsNIOSH'sProgressinNanotechnologyResearch.aspx>

Regulatory Research & Industrial Hygiene Professional News

AIHA

AIHA Members Name Overall Top Issues for 2013-2014



AIHA government affairs recently conducted the bi-annual AIHA member survey to determine the top public policy issues of concern to AIHA members and the occupational and environmental health and safety (OEHS) profession over the next two years. While the results aren't exactly surprising, it is noteworthy to pass along to you how AIHA members rank the various issues.

Overall Top Issues for 2013-2014

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- Permissible Exposure Limits (PELs) – Updating
- Injury and Illness Prevention Program (I2P2)
- Professional Recognition/Title Protection
- OSHA Reform - NIOSH Recognition - Appropriations
- Nanotechnology
- Laboratory Accreditation

Read more:

<http://www.aiha.org/news-pubs/govtaffairs/Documents/Happenings-11-27-12.pdf>

ACGIH

ACGIH Members Approve Bylaws Change

ACGIH®'s members have approved an amendment to the association's bylaws that creates a single category of membership -- a voting member -- who must be employed at least 50 % of his or her time in occupational or environmental health and safety. The change takes effect Jan. 1, 2013. Currently there are two categories of membership, regular and associate, defined based on professional affiliation, and only regular members are eligible to vote on bylaws amendments, serve as officers on the board, chair committees, and serve on the Nominating Committee



Read more:

<http://ohsonline.com/articles/2012/12/04/acgih-members-approve-bylaws-change.aspx?admgarea=news>

ABIH

ABIH to Raise Awareness about the Certified Industrial Hygienist Credential



A Certified Industrial Hygienist (CIH) is a professional who has expertise and skills in air sampling and instrumentation, biohazards, noise, engineering controls and

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more. The American Board of Industrial Hygiene (ABIH), which promotes the advancement of the industrial hygiene profession by offering the CIH certification, aims to create awareness about the important role IH professionals play in today's society through a new campaign.

Read more: <http://ehstoday.com/industrial-hygiene/abih-raise-awareness-about-certified-industrial-hygienist-credential>

OSHA

OSHA Has Updated the General Industry Digest



OSHA's updated *General Industry Digest* – a booklet that summarizes General Industry safety and health standards to help employers, supervisors, workers, health and safety

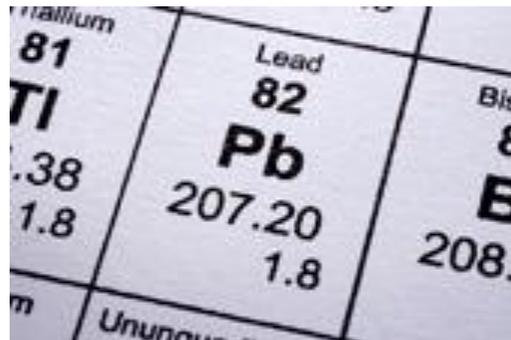
committee members, and safety and health personnel learn about OSHA standards in the workplace – is now available. The digest includes updated information on revisions to General Industry standards since the digest was last published in 2001.

Read more: <http://www.osha.gov/as/opa/quicktakes/qt11152012.html#12>

Panel Finds OSHA Lead Exposure Standard Inadequate

A new National Research Council report concludes the current OSHA general industry standard for lead exposure, 29 CFR 1910.1025, is not sufficiently protective, given that blood lead levels below what the 34-year-old standard regards as safe are known to cause health problems

Read more: <http://ohsonline.com/articles/2012/12/04/panel-finds-osha-lead-exposure-standard-inadequate.aspx?admgarea=news>



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OSHA

OSHA Online Tool for Cadmium Exposure Compliance

OSHA has released a new tool that will help employees and employers alike to monitor harmful exposure to cadmium. The Cadmium Biological Monitoring Advisor analyzes responses given by the user to determine if OSHA standards are being met.



online-osh-a-tool-aids-in-cadmium-exposure-compliance.aspx?admgarea=news

Read more:

<http://ohsonline.com/articles/2012/12/13/>

DoD

Announcing Our First Forum Webinar!

DOD FORUMS

Registration is now closed. For questions, please [click here](#) to contact the forum facilitator.

[Submit An Abstract](#)

[Contact DOD Forums](#)

Industrial Hygiene Archive

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Safety and Health Archive

Orlando, FL	2009
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The DoD Industrial Hygiene Working Group is conducting its 13th annual forum on the Web from 19 November through 31 January 2013 (extended from 31 Dec 12).

Read more:

<http://www.denix.osd.mil/dodforums/>

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USAPHC

Congratulations to the Newly Credentialed CIHs

A well deserved pat on the back goes to Paula Steven AIPH, MD, Bonnie Rathbun, AIPH, MD, Larry Dlugosz, Fort Belvoir, VA, Kimelia Guerrero, Fort Bragg, NC, and Sharon Rhew, USAPHC-Europe for passing the November CIH exam. It is a highly sought after credential by industrial hygienists. Take the time to contact and congratulate them for accomplishing a great milestone in their careers. The names of the new CIHs are listed on the ABIH website.

Congratulations!



December DOEHS Super Star



assigned to Corpus Christi Army Depot (CCAD). CCAD recently underwent a very detailed audit by US Army Audit Agency. The CCAD Hearing Conservation Program as well as the DOEHS-IH data collection and data management contributed to the positive outcome of this audit. This demonstrated BAMC IH team at CCAD has a robust and proactive program.

This month Super Star goes to the Brooke Army Medical Center (BAMC) IH team

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How to become a DOEHRS-IH Super Star

- ✓ Do feel like you use DOEHRS-IH more than other program offices?
- ✓ Do you feel unnoticed?
- ✓ Do you feel like you have done great IH things with DOEHRS-IH?
- ✓ Do you wear a unitard and cape under your clothes? (Don't answer this question please)

Email the [Industrial Hygiene Training Coordinator](#) a brief synopsis about a new idea, a faster way, or a milestone you just met. Your Program Office just may be nominated as the monthly DOEHRS-IH **Super Star**.

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Training

This monthly summary is published by the Industrial Hygiene and Medical Safety Management Program (IHMSMP) for the U.S. Army Public Health Command.

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<http://phc.amedd.army.mil/topics/workplacehealth/ih/Pages/default.aspx>



Upcoming Courses

- **Ergonomics for DOEHS-IH Users** – This course is designed to teach students how to recognize and record ergonomic hazards and controls while conducting basic characterizations. The instructor walks attendees through a virtual scenario using welding as a common process. This course is for Industrial Hygiene staff members who will be actively entering data into the DOEHS-IH application at an Industrial Hygiene Program Office.
- **Indoor and Environmental Air Quality** – This online course is provided using Blackboard for CP-12 careerists with instruction on general and technical topics related to air quality, air cleaning technology, emission source sampling, atmospheric dispersion of pollutants, air monitoring, and effects of air pollution which are valuable skills that can be incorporated directly to their job responsibilities.
- **Industrial Hygiene Work Environments: Fire Protective Services-** This online course is provided using Blackboard and gives participants knowledge of the basic concepts and use of the DoD Exposure Assessment Model for the Fire Protective Services Common Process. The course also helps students recognize and record occupational health hazard data in the DOEHS-IH data repository, and make appropriate recommendations for this similar exposure group.

To register for these and other courses visit the USAPHC portal <http://phc.amedd.army.mil/Pages/Training.aspx>.

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