



Safety Insider

April 2006

Volume 15, Issue 4

Editor: Rick Tata Baesg@aol.com

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April Meeting Announcement

Subject:

“A Process Hazard Analysis Approach for Pharmaceutical and Biotechnology Operations”

This presentation will explore a step-wise multidisciplinary approach to assessing and mitigating the risks in pharmaceutical and biotechnology manufacturing operations.

Speaker:

John P. Farris, CIH, is President & CEO of SafeBridge Consultants, Inc. Safebridge Consultants provides EH&S services to pharmaceutical, chemical, biotechnology and other industries. John's expertise includes executive management, industrial hygiene, laboratory safety, control of potent pharmaceutical compounds, environmental protection and environmental remediation. He is a frequent lecturer on potent compound safety.

Meeting Time and Location:

Wednesday, April 19, 2006 11:30 am – 1:00 pm

Registration and Lunch starts at 11:30 am

Speaker begins at noon, and finishes about 1:00 pm

Meetings are held at Arthur's Restaurant. This South Bay landmark is located at 2875 Lakeview Drive, Santa Clara.

From 101 take the Bowers Avenue /Great America Parkway exit and head south on Bowers. Turn right on Augustine Drive (about one block from the freeway), and then take another right onto Lakeview Drive.

Lunch features a delicious buffet featuring a variety of choices, including vegetarian offerings.

Cost is \$20 for BAESG members with reservations and \$25 for non-members. Walk-ins are charged an additional \$5. Avoid the additional charge; make your reservation now via email to

BAESGreservation@aol.com. Please leave your name and affiliation.

From The Editor

Edward Tufte comes to the Bay Area in December and Why that's Important

"One visionary day....the insights of this class lead to new levels of understanding both for creators and viewers of visual displays." WIRED

"The Leonardo da Vinci of data." THE NEW YORK TIMES

Edward Tufte is an expert author and lecturer on Information Design, the discipline of technical communication. Dr Tufte, a Professor Emeritus at Yale University, spends much of his time travelling the country giving his polished and well-received lectures.

I took his one day course in 2004, and found it not only informative and entertaining, but also relevant to the skills required of the EH&S professional, such as effective written and verbal communication.

As professionals, it's essential that we communicate our message with integrity, clarity and credibility, issues that Dr. Tufte considers deeply in both his lectures and his writings. His class costs \$360, and his 2006 Bay Area schedule is as follows:

San Jose, CA	December 4, 2006
San Francisco, CA	December 6, 2006
	December 7, 2006
	December 8, 2006

As a special treat for bibliophiles, the course fee includes three beautiful hardbound books written by Edward Tufte.

Some of the Topics covered in Tufte's one-day course

Evaluating evidence used in presentations

Statistical data: Tables, graphics, and semi-graphics

Business, scientific, legal, financial presentations

Effective presentations: on paper and in person

Use of video, overheads, computers and handouts

Credibility of presentations

Design of computer interfaces and manuals

Would you like to know more? <http://www.edwardtufte.com/tufte/courses>

His website includes a Forum called "Ask E.T." It addresses a range of subjects.
http://www.edwardtufte.com/bboard/g-and-a?topic_id=1

Tufte on DVD: <https://www.skeptic.com/Merchant2/merchant.mvc>

Articles about Tufte: <http://www.edwardtufte.com/tufte/newet> (scroll down)

and ... http://en.wikipedia.org/wiki/Edward_Tufte

Congratulations to 2005 BAESG PDC Scholarship Winners!

The BAESG Professional Development Conference generates proceeds that are used for scholarships for deserving local students of EH&S and related fields. **The 2005 winners are:**

Nina Vining
Mark Toguchi
Kelly Jost
Lynn Kim Huynh
Christine dela Cruz

Congratulations!

News and Updates

FEMA Recently Released an Article about Fire Hazards in the Home and How to Avoid Them

Eighty-two percent of all fire deaths occur in the home and the bedroom is the most common room in the home where electrical fires start. Deaths due to bedroom fires are particularly preventable. Having a working smoke alarm reduces one's chance of dying in a fire by nearly a half. Here's a list of simple fire safety tips for preventing bedroom fires:

Install a smoke alarm on every level of your home. Test smoke alarm batteries every month and change them at least once a year. Consider installing a 10-year lithium battery-powered smoke alarm, which is sealed so it cannot be tampered with or opened.

Never smoke in bed.

Replace mattresses made prior to the 1973 Federal Mattress Flammability Standard.

Keep lighters, matches and other ignitables in a secured drawer or cabinet out of reach of children. Children are one of the highest risk groups for death in residential fires.

Keep lit candles away from bedding, curtains, papers and anything else that can ignite easily.

Do not run electrical cords under your bed or trap them against a wall where heat can build up. Avoid overloading extension cords.

Take extra care when using portable heaters. Keep bedding, clothes, curtains and other flammable items at least 3 feet away from space heaters.

Only use lab-approved electric blankets and warmers. Check to make sure the cords are not frayed.

Make sure everyone in your family knows at least two escape routes from their bedrooms and practice these often.

In case of a fire, crawl or stay low to the ground, beneath the smoke, and use the escape plan you have worked out. Get out and stay out.

The following link shows the article with attractive artwork:

<http://www.usfa.fema.gov/downloads/pdf/fswy11.pdf>

Avian Flu - Assessment of the Current Situation

The following is taken from the website of the Center for Disease Control at <http://www.cdc.gov/flu/avian/>

“The avian influenza A (H5N1) epizootic (animal outbreak) in Asia and parts of Europe is not expected to diminish significantly in the short term. It is likely that H5N1 infection among birds has become endemic in certain areas and that human infections resulting from direct contact with infected poultry will continue to occur. So far, the spread of H5N1 virus from person-to-person has been rare and has not continued beyond one person. No evidence for genetic reassortment between human and avian influenza A virus genes has been found; however, the epizootic in Asia continues to pose an important public health threat.

There is little pre-existing natural immunity to H5N1 infection in the human population. If these H5N1 viruses gain the ability for efficient and sustained transmission among humans, an influenza pandemic could result, with potentially high rates of illness and death. In addition, genetic sequencing of influenza A (H5N1) viruses from human cases in Vietnam and Thailand shows resistance to the antiviral medications amantadine and rimantadine, two of the medications commonly used for treatment of influenza. This would leave two remaining antiviral medications (oseltamivir and zanamivir) that should still be effective against currently circulating strains of H5N1 virus. Efforts to produce vaccine candidates that would be effective against avian influenza A (H5N1) viruses are under way. However, it will likely require many months before such vaccines could be mass-produced and made widely available.

Research suggests that currently circulating strains of H5N1 viruses are becoming more capable of causing disease in mammals than were earlier H5N1 viruses. One study found that ducks infected with H5N1 virus are now shedding more virus for longer periods without showing symptoms of illness. This finding has implications for the role of ducks in transmitting disease to other birds and possibly to humans as well. Additionally, other findings have documented H5N1 infection among pigs in China and H5N1 infection in felines (experimental infection in housecats in the Netherlands and isolation of H5N1 viruses in tigers and leopards in Thailand).

Notable findings of epidemiologic investigations of human H5N1 cases in Vietnam during 2005 have suggested transmission of H5N1 viruses to at least two persons through consumption of uncooked duck blood. One possible instance of limited person-to-person transmission of H5N1 virus in Thailand has been reported. This possibility is being further investigated in other clusters of cases in Vietnam and Indonesia.

The majority of known human H5N1 cases have begun with respiratory symptoms. However, one atypical fatal case of encephalitis in a child in southern Vietnam in 2004 was identified retrospectively as H5N1 influenza through testing of cerebrospinal fluid, fecal matter, and throat and serum samples. Further research is needed to ascertain the implications of such findings.”

Additional web links of interest:

FDA web link for information about PPE and Flu Outbreaks, Including Avian Flu:
http://www.fda.gov/cdrh/emergency/flu_qa.html

“Avian Flu: Protecting Workers from Exposure”: <http://www.cdc.gov/niosh/topics/avianflu/>

“Focus on the Flu”: <http://www3.niaid.nih.gov/news/focuson/flu/default.htm>

World Health Organization web link: http://www.who.int/csr/disease/avian_influenza/avian_faqs/en/index.html

Flu Virology Overview: http://www.virology.net/Big_Virology/BVRNAortho.html

Web site of a lab that provides test services to manufacturers in the medical device, pharmaceutical and nutraceutical industries: <http://www.nelsonlabs.com/avian.jsp>

Your AED May Need to be Reconfigured to Meet Recent Changes in Resuscitation Guidelines

The January 2006 BAESG newsletter mentioned the recently revised guidelines for resuscitation of victims of cardiac arrest.

Among other things, the November 28, 2005 release by the American Heart Association addressed “the sequence of rhythm analysis and CPR when using AEDs.” Further, “Previously, when AED pads were applied to the chest, the device analyzed the heart rhythm, delivered a shock if necessary, and analyzed the heart rhythm again to determine whether the shock successfully stopped the abnormal rhythm. The cycle of analysis, shock and re-analysis could be repeated three times before CPR was recommended, resulting in delays ... Now, after one shock, the new guidelines recommend that rescuers provide about two minutes of CPR, beginning with chest compressions, before activating the AED to re-analyze the heart rhythm and attempt another shock.”

(The complete release can be viewed here:

<http://www.americanheart.org/downloadable/heart/1132687904678FINALnewsrelease112105.pdf>)

If you use AEDs with CPR coaching/feedback features at your facility, and intend to comply with the new guidelines, you may want to replace or reconfigure your AEDs. This writer checked the websites of two major AED manufacturers and found the following information.

From http://www.cardiacscience.com/news/news_detail.cfm?id=340 :

“... – January 10, 2006 – Cardiac Science Corporation ...announced today that its entire line of Powerheart® automated external defibrillators (AEDs) will meet the newly updated American Heart Association (AHA) Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care, as well as the recently released European Resuscitation Council (ERC) Guidelines for Resuscitation.

Future Powerheart® AEDs will fully incorporate the new guidelines. In addition, all Powerheart® AEDs currently in use today are capable of being reconfigured to support the new recommended one-shock defibrillation protocol. Software updates to implement the new guidelines in current Powerheart® AEDs will be available during 2006. ...”

Phillips says much the same thing about their AEDs

per http://www.medical.philips.com/main/products/resuscitation/assets/docs/AHA_Guidelines_Press_Release_Dec05.pdf :

“December 21, 2005 – Royal Phillips Electronics ... today announced that its entire line of HeartStart Defibrillators will meet the newly updated American Heart Association Guidelines for ... (CPR) ... The ... (ERC) ... has also released its Guidelines ... and Phillips will meet those as well. ...”

“... For devices with CPR coaching and feedback capabilities, a software update will be available in 2006 to address the Guidelines new protocols. ...”

Two Views of the Revised Corporate Average Fuel Economy (CAFÉ) Program

This News Release is from the US Department of Transportation Website:

DOT 46-06

Contact: Brian Turmail

Wednesday, March 29, 2006

New Light Truck Economy Standards to Save 10.7 Billion Gallons of Fuel, Include Largest SUVs for First Time

New fuel economy standards for light trucks will save 10.7 billions of gallons of fuel and include, for the first time ever, the largest sport utility vehicles, Transportation Secretary Norman Y. Mineta announced today in Baltimore, MD.

The changes to the fuel economy standards represent the second time the Bush Administration has increased the mileage standards for light trucks and the first complete reform of the Corporate Average Fuel Economy (CAFE) program for pickup trucks, sport utility vehicles and minivans since its inception in 1979, Mineta said.

"The new standards represent the most ambitious fuel economy goals for light trucks ever developed in the program's twenty-seven year history," Secretary Mineta said. "And more importantly, they close loopholes that have long plagued the current system."

Mineta said the new rules save two billion more gallons of fuel than an earlier proposal released in August, 2005 by including the largest SUVs and strengthening the final miles per gallon target. The new standards also set individual miles-per-gallon goals for all passenger trucks sold in the United States, requiring manufacturers to install fuel saving technology on all passenger trucks.

In addition, the light truck fuel economy standards will save more than 250 million gallons a year just by including the largest sport utility vehicles on the market today, those that weigh between 8,500 and 10,000 pounds. Mineta said these large SUVs will be included in the CAFE program starting in 2011, adding that "we worked hard to make sure that no single SUV gets a free pass under these new standards."

The new fuel economy standards also strengthen the miles-per-gallon target for light trucks, Secretary Mineta said. The light truck targets will increase from 21.6 to 24 miles per gallon, the highest level ever for the program. Mineta added that more was being asked of automakers because they now have to factor in 240,000 of the least efficient SUVs for the first time.

"We took a good, close look at automakers' plans, examined new technology that is in use or under development – like hybrids and the latest generation of diesel-burning engines – and decided that we could ask more of the manufacturers than we proposed last August," Mineta said. He added that the new standards mean that some light trucks will now have to meet a fuel economy target of 28.4 milers per gallon, which is higher than today's standard for passenger cars.

Link to the final rule: <http://nhtsa.gov/staticfiles/DOT/NHTSA/Rulemaking/Rules/Associated%20Files/2006FinalRule.pdf>

The Sierra Club Reacted as Follows:

For Immediate Release

March 29, 2006

Contact: David Willet

Tel. (202) 675-6698

Bush Fuel Economy Standards Fail to Cut Oil Addiction

Washington, DC: The final light truck fuel economy standards released today by the Bush administration fail to break America's oil addiction. The Bush administration ignored the opportunity and obligation to cut America's oil dependence by requiring automakers to use modern fuel-saving technology to reduce oil consumption, curb global warming pollution, and save consumers money at the gas pump. While the new standards do finally include the largest SUVs, they fail to include the largest pickup trucks, which constitute 80 percent of the largest vehicles on the road. Instead of weak standards, the Bush Administration should be putting American innovation to work by requiring automakers make all of their vehicles - from sedans, to SUVs, to pickup trucks - go farther on a gallon of gas.

"Higher fuel economy and good jobs come from using better technology," said Daniel Becker, Director of the Sierra Club's Global Warming program. "By failing to require Detroit to make significantly cleaner, more efficient vehicles to compete with Toyota, the Bush administration is giving the Big Three enough rope to hang themselves."

The technology exists today to make all vehicles average 40 miles per gallon within ten years. Taking this step would save more oil than the United States currently imports from the entire Persian Gulf and could ever get out of the Arctic National Wildlife Refuge, combined. As a result, the average driver would save over \$2,200 at the gas pump over the lifetime of their vehicle and U.S. global warming pollution would be reduced by close to 600 million tons.

The new standard will for the first time include large SUVs and vans (between 8,500 - 10,000 pounds gross vehicle weight) as part of the automakers' light truck fleet. As a result, automakers will need to ensure that their light truck fleet average meets the fuel economy standards even with these low fuel economy vehicles added to the mix. However, 80 percent of the vehicles in that weight class are pick-up trucks--not SUVs, and thus will remain exempt from any fuel economy standards. Since the administration continues to exclude heavy pickup trucks and is only including a handful of the heaviest gas guzzlers, the oil savings that will result from including these vehicles are minimal. Using the administration's estimate of oil savings, today's rule will save less than two weeks worth of oil consumption at current levels over the next four years.

"President Bush says America is addicted to oil, but this new standard is like telling a two pack-a-day smoker to cut out one cigarette," said Becker.

In 1975, Congress directed the National Highway Traffic Safety Administration (NHTSA) to set new light truck fuel economy standards for each new model year at the "maximum technically feasible level." With today's technology, that maximum level is at least a 40 miles per gallon average for all cars, trucks and SUVs. The Bush administration's standards announced today fail to reach that goal because:

- * It only increases fuel economy by 1.8 mpg over 4 years when the technology exists to achieve a much higher improvement.

- * It abandons fleet-wide averages in favor of a sized-based system that will encourage automakers to build larger vehicles with weaker fuel economy standards.

- * While larger SUVs (over 8,500 pounds) are now included, larger pick-up trucks will remain exempt from the standard

* It fails to recognize the additional consumer savings that will result from higher fuel economy standards due to the recent increase in gasoline prices.

Last year, the administration released the proposed light truck fuel economy standards for model years 2008-2011--made final today. In its proposal, the administration proposed an increase of just 1.8 miles per gallon over 4 years. At the same time, the new proposal abandoned the concept of a fleet-wide fuel economy standard and created a new size-based system that divides the current light truck fleet. While the original proposal created six size classes, the final rulemaking released today replaces these size 'bins' with a separate bin for each size vehicle. This means that there will be a separate fuel economy standard for every size of light truck. A size based system can create a perverse incentive, encouraging automakers to build larger vehicles in order to qualify for weaker fuel economy standards, resulting in lower fleet wide fuel economy. Moving to a continuous function means that any increase in size will allow automakers to qualify for weaker fuel economy standards for that vehicle.

Another consequence of the size-based system is that abdicates the oil savings requirements of CAFE. And it puts the nation's oil savings policy in the hands of automakers to determine when they decide what size vehicles to make. For example, they could legally comply with the new Bush CAFE standard if they cease making their most efficient trucks, make more guzzlers and their overall fuel economy declines.

"The technology exists today to make all new vehicles average 40 miles per gallon within ten years," said Becker. "The biggest single step we can take to save consumers money and curb our oil addiction and global warming pollution is to make all our cars, trucks and SUVs go farther on a gallon of gas."

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David Willett

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[Printer-friendly version of this page](#)

Upcoming Events/Training

If you'd like to see your event or training advertised in this space, email your announcement to: baesg@aol.com

LOCAL:

4th Annual BAESG Professional Development Conference

To be held October 18, 2006 at Mission College in Santa Clara – This year's theme: "To Compliance and Beyond"

Watch this space in future issues for details

Bay Area Rebrac

For more information visit: <http://rebrac.org/bayarea/>

Or contact Michael Hall at (408) 855-5584

All courses at Mission College in Santa Clara

SESHA

SESHA 28th Annual International High Technology ESH Symposium & Exposition
Marriott Santa Clara (April 18-22, 2006)

<http://seshaonline.org/meetings/2006/index2.php3>

<http://seshaonline.org/meetings/2006/index2.php3#day4>

<http://seshaonline.org/meetings/2006/index2.php3>

http://www.seshaonline.org/meetings/2006/2006_registration_form.pdf

UC Santa Cruz Extension

For detailed information about UCSC Extension courses visit: <http://www.ucsc-extension.edu/ucsc/publicViewHome.do?method=load>

Most courses held in Cupertino, California

Berkeley Center for Occupational & Environmental Health Continuing Education

COEH "Hazardous Substances Management and Control" Seminar Series Wednesdays (January 18-April 26, 2006) 3-6 PM, UC Berkeley Campus

UC Berkeley COEH is offering a 13-session seminar series as a convenient and inexpensive way to earn ABIH CM or BCSP COC points. It is a new MPH graduate course that is also open to members of the professional industrial hygiene and safety communities.

Each session will qualify for 0.5 industrial hygiene CM point (ABIH approval # 06-106).

Each session meets the BCSP criteria for 0.25 COC point.

Sign up for more than 4 seminars and get a break on the already low price.
Advance Registration and Payment Required for all Seminars!

Enroll in 1 to 4 seminars for \$50 each

Enroll in 5 to 7 seminars (up to 3.5 points) for \$40 each

Enroll in 8 to 13 seminars (up to 6.5 points) and pay only \$30 for each seminar

Each of the weekly sessions is a stand-alone seminar. You can sign up for any combination of seminars. Speakers come from varied backgrounds - regulatory agencies and local employers as well as the University. All have professional standing in their specialty (physicians, industrial hygienists, regulators, etc.).

If you have questions or need more information, contact Hank at hankmcdermott@sbcglobal.net
<[javascript:parent.ComposeTo\('hankmcdermott@sbcglobal.net'\);>](mailto:hankmcdermott@sbcglobal.net)

Registration and course details are on the COEH Continuing Education website: www.coehce.org
<<http://www.coehce.org>>. Or call the COEH CE Office at: (510) 643-7277

Human Factors and Ergonomics Society

HFES 50th Annual Meeting

San Francisco, CA (October 16-20, 2006)

www.hfes.org

OTHER CALIFORNIA and NATIONAL:

2006 National Work Zone Awareness Week

(events in Washington D.C. and elsewhere)

www.atssa.com

At the Las Vegas Convention Center, Las Vegas, NV: Waste Expo (April 4-6, 2006)

www.wasteexpo.com

Medical Waste Conference (April 6-7, 2006)

www.medwasteconference.com

RIMS 2006 (Risk and Insurance Management Society, Inc.)

Honolulu, HI (April 23-27)

<http://www.rims.org>

FDIC (Fire Department Instructors Conference) 2006

Indianapolis, IN (April 24-26, 2006)

www.fdic.com

OSHA Training Camp

Orlando, FL (April 24-28, 2006)

www.oshatrainingcamp.com

48th N.C. Industrial Ventilation Conference

Wilmington, NC (May 1-5, 2006)

www.ncindustrialventilation.com

The Incentive Show

New York, NY (May 3-4, 2006)

www.theincentiveshow.com

2006 AAOHN Symposium & Expo

Albuquerque, NM (May 5-12, 2006)

www.aaohn.org

2006 American Occupational Health Conference

Los Angeles, CA (May 7-10, 2006)

www.acoem.org

2006 American Industrial Hygiene Conference & Expo

Chicago, IL (May 13-18, 2006)

www.aiha.org or www.acgih.org

Humantech

Spring 2006 Public Seminars in Ergonomics

Applied Industrial Ergonomics (May 9-10, 2006) and Applied Office Ergonomics (May 11, 2006)

Newport Beach, CA

Also Ann Arbor, MI (May 2-3 and 4) and Dallas, TX (April 25-26 and 27)

CEUs available

Visit www.humantech.com/seminars or call 734/663-3330 X222

ACGIH

American Industrial Hygiene Conference and Exposition (AIHce)

Chicago, Illinois (May 13-18, 2006)

www.acgih.org/events/conference.htm

2006 EMS Today Conference & Expo

Baltimore, MD (May 21-25, 2006)

www.jems.com

2006 Governor's Safety and Health Management Conference

Little Rock, AR (May 31- June2, 2006)

<http://arkansas.asse.org/conference.htm>

2006 NFPA World Safety Conference & Exposition

Orlando, FL (June 4-8, 2006)

www.nfpa.org

ASSE

Safety 2006 – ASSE's Annual Professional Development Conference

Seattle, WA (June 11-14, 2006)

<http://www.safety2006.org> www.asse.org

63rd Annual Pulp & Paper Safety Association Safety & Health Conference

Orlando, FL (June 11-14, 2006)

www.ppsa.org ppsa.org@verizon.net

ECCU 2006, International Educational Conference & Exposition

Orlando, FL (June 22-25, 2006)

www.citizencpr.org

Safety Week 2006

Braselton, GA (June 25-27, 2006)

www.safetycentral.org

2006 International Symposium on Fire Investigation Science and Technology

Cincinnati, OH (June 25-28, 2006)

www.isfi2006.com

70th Annual Educational Conference and Exhibition

San Antonio, TX (June 25-28, 2006)

www.neha.org/ACE/abstracts

79th Annual Technical Exhibition and Conference of the Water Environment Federation

Dallas Convention Center, Dallas, Texas (October 21-25, 2006)

www.weftec.org

NSC

94th Annual National Safety Congress & Expo

San Diego, CA (November 3-10)

<http://www.nsc.org>

INTERNATIONAL:

International Workshop on Standardization for Emergency Preparedness

Florence, Italy (April 24-26, 2006)

Contacts: NYU INTERCEP Executive Director Bill Raisch, william.raisch@nyu.edu, 212/998-2000; Matt Deane, mdeane@ansi.org, 212/642-4992.

Health & Safety Canada 2006

Toronto, Canada (May 1-3, 2006)

Contact: IAPA 800-669-4939 Or 416-506-8692

www.iapa.ca

55th Annual Petroleum Health and Safety Seminar and Trade Show

Banff, Canada (May 2-5, 2006)

www.piass.org

CONEXPO Asia 2006 (Association of Equipment Manufacturers)

Beijing, China (May 15-18, 2006)

www.conexpoasia.com

Interprotec 2006: 8th International Trade Fair for Personal Protective Equipment, Health and Safety at Work

Brno, Czech Republic (May 16-19, 2006)

www.mdna.com

Second Safety, Health and Well-Being Fair

Tokyo, Japan (May 17-19, 2006)

www.mhlw.go.jp/english/index.html

Health Effects of Occupational Exposure to Emissions from Asphalt/Bitumen Symposium

Dresden, Germany (June 7-8, 2006)

www.acgih.org

28th International Congress on Occupational Health

Milan, Italy (June 11-16, 2006)

www.who.int/occupational_health/en/

9th World Congress of the International Federation of Environmental Health

Dublin, Ireland (June 19-22, 2006)

www.ehoa.ie or www.ifeh2006.org

IEA 2006: 16th World Congress on Ergonomics

Maastricht, Netherlands (July 10-14, 2006)

www.who.int/occupational_health/en/

13th Biannual International Conference on Respiratory Protection for Health Care Workers, First Responders, and Emerging Hazards

Toronto, Canada (August 27- September 1, 2006)

www.isrp.com.au

A+A 2007 Industrial Trade Fair – Safety + Health at Work

Dusseldorf, Germany (September 18-21, 2007)

www.mdna.com

COS+H 2006, 3rd China International Occupational Safety + Health Exposition

Beijing, China (September 19-22, 2006)

www.mdna.com

OS+H Asia 2006, Occupational Safety & Health Exhibition for Asia

Singapore (October 10-12, 2006)

www.mdna.com

APCHI 2006: 7th Asia-Pacific Conference on Computer-Human Interaction

Taipei, Taiwan (October 11-14, 2006)

www.ie.nthu.edu.tw/apchi2006/

Green Design/Sustainability Events – from around:

10th Annual Take It Back! Conference

Las Vegas, NV (April 3-5, 2006)

<http://www.takeitbackconference.com/>

(Editor's note: Keynote speaker is said to be Chief Deputy Director of Cal/EPA)

EnviroDesign 10

Toronto, Canada (April 25-27, 2006)

<http://www.envirodesign.com/>

LOHAS 10

Santa Monica, CA (April 26-28, 2006)

<http://www.lohas.com/forum/>

ISEE 2006 & Electronic Recycling Summit

San Francisco, CA (May 8-11, 2006)

<http://www.regconnect.com/content/isee/>

Terra Matter – sponsored by Material Connexion

New York, NY (May 19-20, 2006)

http://materialconnexion.com/terramatter/terra_home.html

Sustainable Innovation – sponsored by the Centre for Sustainable Design

Chicago, IL (October 23-24, 2006)

<http://www.cfsd.org.uk/events/tspd11/index.html>

Do You Have a Job Opening?

If you do, BAESG would like to advise our community. Job seekers in BAESG are notified of opportunities via the job list and in our newsletter. If you would like to participate, please send a description - ideally in Word - of the opening to BAESG@aol.com, with "job opening" in the subject line.

For Job Seekers

BAESG offers a job list members can join, whereby job listings are emailed periodically. It's a good way to get updates on opportunities between publication of our newsletters. To join, send an email to BAESG@aol.com, with "add me to job list" in the subject line.

Note: The following positions were collected from a variety of sources. BAESG has not verified the informational content of these ads.

Environmental Health and Safety Specialist I

East Bay Municipal Utility District

Pay Range \$68,245 - &82,958

East Bay Municipal Utility District seeks a Health and Safety professional to identify hazards and implement programs and projects designed to eliminate those hazards; evaluate impacts of field techniques and work site procedures to address emerging regulatory issues; and conduct training for employees.

Hazard identification and abatement and experience implementing employee recognition programs are highly desirable. A bachelor's degree and one year's experience required.

For detailed application materials, please call (510) 287-0742 or visit www.ebmud.com. Deadline to apply will be Friday, April 21, 2006.

Science Applications International Corporation (SAIC) is the largest employee-owned research and engineering company in the United States, with annual revenues of \$7.2 billion and more than 42,000 employees in over 150 cities worldwide. SAIC engineers and scientists solve complex technical problems in national security, homeland security, energy, the environment, space, telecommunications, health care, and logistics. SAIC: FROM SCIENCE TO SOLUTIONS™

Safety Engineering Professional – Sandia National Laboratory, Livermore, CA

Job Description:

The mid to senior level safety and health professional will support occupational safety programs at Sandia National Laboratory in Livermore, CA. Primary responsibility will be to support the pressure, electrical, material handling, machine guarding, traffic, construction and other institutional safety programs. In addition responsibilities will include project reviews and support for the emergency preparedness, hazard communication and health and safety training programs. The selected health and safety professional will develop and provide training, conduct safety and health audits of operations, process systems and facilities. Activities will also include conducting scheduled inspections, job hazard analysis, investigate mishaps to determine cause and suggest corrective actions, interpret and implement DOE orders, develop and implement OSHA related procedures and perform other duties as assigned.

Education:

Bachelor's degree in safety, health or a related discipline.

Required Skills:

Must be a US citizen and eligible for a DOE Q clearance. Minimum of 7 years of engineering experience in a research or an industrial setting. Knowledge of and experience in the effective application of Federal OSHA requirements and other national safety codes and standards. Excellent oral and written communication skills. Ability to interface knowledgeably with all levels of the organization including with allied groups such as medical, maintenance, health physics, and hazardous waste management. Excellent PC skills. Must be able to lift 30-50 pounds; attention to detail and ability to track and document work assignments; ability to function as a member of a team and work in a fast-paced environment; ability to receive direction from multiple customers and adapt quickly and smoothly to changing project requirements.

Desired Skills:

MS degree, certification as a CSP (comprehensive practice) desired. Preference will be given to individuals that are certified and have DOE experience.

For complete requirements, details of this position and to apply online please visit our website at www.saic.com, select **Job Opportunities**, choose **Search Jobs By**, and enter **Job Reference Number** TKT132284. We are an Affirmative Action Employer that values cultural diversity in the workplace. EOE, M/F/D/V.

Industrial Hygienist – Sandia National Laboratory, Livermore, CA

Job Description:

The mid to senior level Industrial Hygienist will support occupational health and safety programs at Sandia National Laboratory in Livermore, CA. Primary responsibility will be to support the hearing conservation, respiratory protection, confined spaces, laboratory safety, chemical hygiene, hazardous materials management, and other institutional health and safety programs in a research environment. In addition, responsibilities will include project reviews, reviewing various operating procedures and other safety documents, and support for the emergency preparedness, hazard communication and health and safety training programs. The selected industrial hygiene professional will develop and provide training, perform workplace assessments, conduct safety and health audits of operations, process systems and facilities. Activities will also include conducting scheduled inspections, performing job hazard analyses, serving on committees, assisting with mishaps investigations, interpreting and implementing DOE orders, developing and implementing OSHA related procedures, and performing other duties as assigned. Added experience desired in: non-ionizing radiation safety, biohazards, and construction safety.

Education:

Bachelor's degree in safety, health, industrial hygiene or a related discipline.

Required Skills:

Must be a US citizen and eligible for a DOE Q clearance. Minimum of 7 years of engineering experience in a research or an industrial setting. Knowledge of and experience in the effective application of Federal OSHA requirements and other national safety codes and standards. Excellent oral and written communication skills. Ability to interface knowledgeably with all levels of the organization including with allied groups such as medical, maintenance, health physics, and hazardous waste management. Excellent PC skills. Must be able to lift 30-50 pounds; attention to detail and ability to track and document work assignments; ability to function as a member of a team and work in a fast-paced environment; ability to receive direction from multiple customers and adapt quickly and smoothly to changing project requirements.

Desired Skills:

MS degree, certification as a CIH (comprehensive practice) desired. Preference will be given to individuals that are certified and have DOE experience.

For complete requirements, details of this position and to apply online please visit our website at www.saic.com, select **Job Opportunities**, choose **Search Jobs By**, and enter **Job Reference Number** TKT134850. We are an Affirmative Action Employer that values cultural diversity in the workplace. EOE, M/F/D/V.

EHS Specialist II

Boston Scientific has an opening in Mountain View, CA. A BS in Safety Engineering/Science with at least three years related experience is required.

www.bostonscientific.com

Two Opportunities at the BAAQMD (Grant and Incentive Programs)

Supervising Environmental Planner \$81,395 - \$98,937

Environmental Planner I \$60,738 - \$73,828

Application Deadline is April 7, 2006

www.baaqmd.gov

415/749-4980

EORM

Multiple opportunities listed for Associate, Senior/Principal Consultants in Sunnyvale, Oakland, Newport Beach, and elsewhere.

www.eorm.com/careers/index.asp

Aerotek

Multiple opportunities listed for Environmental Engineers and others in Sacramento, Redlands, L.A., Stockton and elsewhere throughout the U.S.

<http://environmental.aerotek.com/Jobs-Employment/Default.aspx>

EHS Manager at Cypress Semiconductor R&D Facility in San Jose

Job Description & Responsibilities:

- Manage Cypress San Jose (CSJ) Environmental Safety & Health Programs
- Manage CSJ Worker Compensation Programs
- Manage CSJ Emergency Response Team (ERT)
- Manage CSJ Campus Safety & Environmental/Control Systems
- Participate in Construction Safety Program
- Work with CSJ Management to Continually Improve Roadmap for Safety and Health Programs

Job Specific Skills/Experience Requirements:

- 2-5 years experience (environmental background preferred)
- Strong leadership, team-based skills required.
- Excellent verbal and written communication skills
- Ability to communicate effectively on all levels
- Creative and effective problem solving abilities
- Must have strong organizational skills; proven ability to multi-task areas of responsibility
- Project Management skills a plus

Minimum Education & Work Experience:

- BS/MS in Safety, Industrial Hygiene or Environmental
- 2-5 years experience (semiconductor safety & environmental background preferred)

If Interested Contact:

Steven Cronkrite
 Cypress Semiconductor
 Corporate EHS/Risk Mgr.
 952/851-5285
 ckz@cypress.com

Environmental Manager United Rentals Location Flexible in CA

United Rentals is looking for an Environmental Manager to assist in the development and implementation of Environmental Programs to ensure company compliance with applicable regulations and laws, at 100+ United Rentals CA branches as well as those in NV and NM. This position requires a BS in Engineering or Science as well as 7+ years experience and expertise in water, air, hazardous waste, solid waste and hazardous materials management. The position also requires good written and verbal communication skills, detail orientation, basic computer skills, and 60% travel.

For more information, contact:

Kerry O'Mahony
 Human Resources, United Rentals, Inc.
 Five Greenwich Office Park
 Greenwich, CT 06830

phone 203.618.7245

email komahony@ur.com

website www.unitedrentals.com

Inside Sales Representative Basic Chemical Services Redwood City, CA

Responsibilities and Description of Role:

This sales-emphasized role is a training position who, if successful, will ultimately be placed into an outside sales slot. The ideal candidate is a person who is a good communicator, is persistent, aggressive, self-motivated, competitive, and a

self-starter who can work independently. This person would report to and be trained by the mini bulk sales manager. This person must have a strong desire to succeed and to be promoted to an outside sales position. They will be responsible for the customer service, sales and profitability of some inside accounts.

Primary Responsibilities:

Develop working knowledge and understanding of BCS chemicals and delivery system

Relationship development and maintenance of approximately 100-150 current BCS customers

Generate new business with existing customers and new prospects

Required to visit customer sites on a regular basis for familiarization with our system

Track lead status generated by mini bulk manager and product managers

Assist in the National Account Program as needed

Track sales-related operations tasking: tank optimization, retains, safety showers, etc

Assist outside sales group as needed: faxes, MSDS, C of A's, etc

Track RWC Customer Complaint Issues

Review branch red files on a quarterly basis to help develop new business

Experience Required: 1-3 years of Customer Service or Inside/Outside Sales support experience. A technical background would be helpful, but more important is the ability to learn quickly.

Computer Skills Required: Knowledge of Excel, Word and Outlook a must.

Education: BS or BA: 4 year degree

Additional Information: May include some travel.

Citizenship Requirements: U.S. Citizenship is required.

Contact:

Phil Wiggett
BCS Human Resources
525 Seaport Blvd
Redwood City, CA 94063
650-817-0329
650-261-2029(Fax)
pwiggett@basicchem.com

Safety Engineer Xyratex Scotts Valley, CA

Job Summary: This role will have two main responsibilities covering safety and EMC evaluation, on industrial, robotic and ITE products. A significant part of the role will involve liaison with both internal customers and external test houses so good communication skills are essential. The department is always working to demanding deadlines, so you will need to cope well under pressure and work well within a team environment.

Reporting to the both local and divisional managers, you must be able to work without supervision as well as in a team, and as such, a professional attitude and approach to the work is essential. This position will therefore best suit a

candidate who has a strong engineering background combined with a broad knowledge of design and manufacturing environments. Whilst not essential, experience in worldwide safety regulations would be an advantage.

Responsibilities Support the Storage Infrastructure design and manufacturing division in managing the requirements and complying with worldwide product safety and compliance directives and laws.
Monitor all new products for compliance with product safety and compliance regulations / procedures and submit compliance reports to regulatory agencies and customers as required.
Interpret existing product safety and compliance laws and coordinate with other department staff in developing strategies to ensure compliance.
Provides staff support to department management and divisions.
Demonstrate continuous effort to improve operations, decrease turnaround times, streamline work processes, and work cooperatively and jointly to provide quality seamless customer service.
You will be responsible for conducting assigned product safety / EMC evaluations and for other engineering projects.
Some projects involve unique features requiring the use of independent judgment.

Qualifications

Knowledge of:

Reviewing and testing industrial, robotic and ITE products, to both the relevant safety and EMC standards.
Determining the external agency approval costs and scope of a project
Participating in the development of test methods for the equipment as required.
Co-coordinating the activities of a project to ensure that it is completed on time and within cost limits

Ability to:

Keep department and divisional management and other relevant staff informed of compliance issues.
Understand complex technical regulatory requirements.
Analyze the impact that regulatory requirements on the design, operations and regulatory compliance.

Experience should include several of the following:

Electrical/ electronic background
Possible environmental background
Working with National/European/International standards
Test engineering, faultfinding, design analysis
Technical report writing
Certification /approvals
Project management, internal customer interaction
Previous experience with a testing or certification agency
A minimum 2.1 (Hons) Degree in engineering or at least 1 year's relevant experience in a similar environment

Contact To apply for this position, either:

E-mail svjobs@us.xyratex.com quoting the vacancy title and attaching your Resume in a common word processing document format (such as Microsoft Word).
Fax your Resume and quoting the vacancy title to 831-439-6944.

-----**The jobs below were also listed in the March newsletter**-----

Enviro Safetech - EHS Specialist

Enviro Safetech, a leading EHS Consultation firm in San Jose, has an opening for an EHS Specialist. Responsibilities include providing EHS training, developing written EHS programs, and performing EHS audits. Salary commensurate with experience and certifications. Please email your resume to jayjam@envirosafetech.com.

Bay Area REBRAC Instructors

Bay Area REBRAC is looking for part time instructors for Occupational Safety, Emergency Response, Office Ergonomics, and Sexual Harassment Issues (Prevention, Intervention, Management). If interested, contact Michael Hall, Director of Bay Area REBRAC, at 408/855-5584. For more information about REBRAC, Visit <http://www.bayrebrac.org>

SCM Staff Placement Specialists, Inc. is currently recruiting for the position of **Environmental Safety and Quality Scientist** for a six month contract position in San Francisco, CA. The contract may be converted to a fulltime position for the right person.

This position will act as the senior environmental specialist for an active hazardous waste site, responsible for shipping numerous different hazardous materials. Applicants should have the ability to execute the following responsibilities; provide environmental regulatory compliance oversight; manage a variety of projects; interpret and implement RCRA, TSCA DOT, CWA, CERCLA, DTSC, SWRCB and ARB regulations; oversee storm water management program, which includes compliance and inspection of storm water controls; direct other employees; write and implement environmental compliance plans; and review and approve subcontractors that will be used for transportation of waste. Other activities will include; compatibility screening, direct oversight of personnel, labeling/marketing containers, reviewing analytical data for waste characterization, profiling wastes, manifesting wastes, and maintaining 90 day storage areas in compliance with all regulations and lab-packing.

Qualified candidates will have a Bachelor's degree in a related field from an accredited university, 40 hour HAZWOPER Certification and 4-5 years of experience in the health and safety field. To be considered for this position you must currently reside in the US, be currently legally able to work in the US, be able to pass a pre-employment physical and be able to pass a pre-employment background investigation.

Interested candidates should email resumes to angiec@scm-ae.com or call Angie or Ryan on 800-274-5208 for more information.

Industrial Hygiene/Environmental Specialists – Emeryville, CA

IHI Environmental, a 25-year old, employee-owned consulting firm, has two career opportunities for Industrial Hygiene/Environmental Specialists in our Emeryville, California office. Our employees enjoy competitive salaries and excellent, including medical/dental/life insurance, 401K, ESOP, profit sharing and the opportunity to participate in the company's self-governance.

Entry-Level Opportunity

Job Description: Under the direction of senior industrial hygienists and/or environmental specialists, this position will include assisting with project fieldwork, sample collection/handling, data management and preliminary report preparation. The progression of this entry level opportunity quality investigations, environmental site assessments, safety management and other industrial hygiene tasks. Successful completion of initial asbestos/lead training will culminate in obtaining California State certifications (Cal-OSHA and DHS). Work is predominately in the S.F. Bay Area, although some state-wide and/or western regional travel is occasionally required.

Qualifications: Candidates must have an AA or BA/BS degree in Science or Engineering, or a related field. New or pending graduates are encouraged to apply. Successful candidates will have well-developed verbal and written communication skills, and computer proficiency with at least MS Word and Excel. A valid California driver's license, a good driving record and an insured automobile are also required. Preference will be given to candidates with previous environmental or industrial hygiene course work, experience or internships. This position requires a willingness to learn and advance in a project team environment. The successful candidate will be self-motivated, disciplined, ethical, able to adapt to changing schedules, and organized. This position requires the ability to work in personal protective equipment, including respirators. Will include receiving company-paid training in asbestos field operations (building inspection, project monitoring), lead-related construction field operations (inspection/risk assessment, project monitoring) standardized operating procedures. A motivated candidate can also expect to be trained to conduct indoor air

Mid-Level Opportunity

Job Description: This position involves a full range of industrial hygiene and environmental project fieldwork with minimal supervision. You will routinely engaged in supporting Project Management, conducting field surveys independently or as a team member and performing on-site abatement monitoring. More skilled employees may conduct environmental site assessments, indoor air quality investigations and complex industrial hygiene monitoring. You will also have primary responsibility for routine report preparation. This is a staff level position that can lead a motivated employee to the roles of Assistant Project Manager and/or Project Manager. Existing skills will be supported through direct mentoring by senior staff, and will be augmented with Continuing Education courses. Work is predominately in the S.F. Bay Area, although some state-wide and/or western regional travel is occasionally required. Some night and weekend work is also required.

Qualifications: Candidates must have a BA/BS in Science or Engineering, or related field with a minimum of 2 to 3 years of related experience; or a graduate degree and one-year of related experience. Cal/OSHA certifications (CAC/CSST) are required and California DHS Lead Inspector/Risk Assessor certification is desirable. A desire to pursue certification as a CIH, CSP, CHMM or REA would be a plus. Successful candidates will have well-developed verbal and written communication skills, computer proficiency with at least MS Word and Excel. A valid California driver's license, a good driving record and an insured automobile are also required. Preference will be given to candidates with the broadest range of previous environmental or industrial hygiene experience or qualifications. This position requires a willingness to train newer employees, while participating in a project team environment. The successful candidate will be self-motivated, disciplined, ethical, able to adapt to changing schedules, and organized. This position requires the ability to work in personal protective equipment, including respirators.

For more information about IHI Environmental, please visit our website at www.ihl-env.com. To express your interest in these career opportunities, please send a letter of introduction and resume to Paul Robbins at: robbins@ihl-env.com. No phone calls please.

Environmental Health and Safety Specialist – Palo Alto (Job Code: 114-PA)

Genencor International has an opportunity available. The successful candidate will be part of a team responsible for the health and safety of our employees at our Palo Alto, CA site.

Specific duties include:

- Coordinates site safety and environmental programs
- Assists with training on EH&S programs and compliance issues
- Coordinates and maintains EH&S permits under the supervision of management
- Coordinates safety inspections and assists with the safety committee.
- Interacts with regulatory agencies on EH&S issues
- Prepares and submits reports to regulatory agencies as required by law under the supervision of management
- Coordination of the chemical inventory process, MSDS management, HMBP submittals, and chemical approvals.
- Conducts IH monitoring and exposure assessments under the supervision of management.
- Serves on the Emergency Response Team

Requirements:

- BS in industrial hygiene, environmental or related field
- 2 – 5 years industry experience in EH&S
- Ability to recognize hazards, analyze data, and conduct industrial hygiene monitoring
- Knowledge of control methodologies
- Ability to interpret guidelines and regulations applicable to Genencor
- Strong Written and verbal communication skills
- Strong team player
- Self-starter with good organizational skills
- Ability to function in multidisciplinary environment

To apply: Please submit resumes to dmartin@genencor.com and cc baesg@genencorcareers.com please reference job number 114-PA

BAESG Meeting Topics Survey

Please indicate your level of interest in the following topics for future luncheon meetings.
 Print this page and forward your input to Michael Hall at his fax line: **408-855-5583**

Topics	Highly	Some What	Limited
Business Continuity			
Disaster Shelter in Place			
IC for Industry			
Confined Space Regulations			
TGO from an Inspectors Perspective			
Fire Codes Basics			
Electrical Safety			
Storm Water Program			
West Nile Virus			
Managing Electronic or Universal Waste			
Worker Comp.			
Air Permitting Issues			
Building Code Basics			
AEDs			
Biotech/Biopharmaceutical Safety Issues			
Biotech/Biopharm Environmental Issues			

(1) What other Lunch meeting topics are you interested in?

(2) Are you willing to be a potential speaker and or can you recommend Potential Speakers?

Topic **Speakers Name, Title and Contact Information**

(3) Would you be interested in attending a facility tour after lunch? ___ YES ___ NO

If yes what types of tours would interest you?

- _____ A behind the scenes tour of a manufacturing facility
- _____ A tour of an E-Waste Recycling Facility
- _____ A behind the scenes tour of a Non-manufacturing Facility
- _____ A behind the scenes tour of a Public agency facility
- _____ Other: _____

BAESG MEMBERSHIP APPLICATION/ RENEWAL

Your membership is important because it helps keep this organization viable. Membership in BAESG offers a particularly good value. The cost is reasonable, and benefits include: the best rates for our monthly meetings that feature excellent speakers on the topics you are interested in as an EHS professional; access to a membership directory of an exceptional group of fellow EHS professionals; the opportunity to network with fellow EHS professionals, and regular updates to the EHS jobs listing.

Print out this page and fill in the relevant information, or staple a copy of your business card to this form (for inclusion in the membership directory) and attach a check for membership dues. Annual membership dues are \$25.00. (\$12.50 for full-time students and retired EH&S professionals). Make your check payable to **BAESG**.

Mail your completed application form and payment to:

Membership Director
Bay Area Environmental Safety Group
P. O. Box 60363
Sunnyvale, CA 94088-0363

Please complete all the following Personal Information and Company Address for correct listing in the Membership Directory:

Name: _____

Full-time Student? Yes___No___

Certifications (such as CIH, CSP) _____

Job Title (or field of study): _____

Company (or College/University): _____

Street Address: _____

City, State, and ZIP CODE: _____

Daytime Phone (with area code): _____ FAX: _____

Email address: _____

Sponsor: _____

Note: All BAESG-related correspondence will be sent to the email address you list above.

Areas of Topic Interest for meeting presentations:

Please indicate any areas of special interest that you would like to see covered during the monthly meetings, or topics that you would be interested in presenting.

TOPICS: _____

ARE YOU INTERESTED IN PRESENTING ON THIS TOPIC? Yes___No___