

**BAY AREA  
ENVIRONMENTAL  
SAFETY  
GROUP**

**MEETING  
TIME AND  
LOCATION**

Wednesday

March 18, 2009

11:30 am— 1:00 pm

Carrow's Restaurant

3180 El Camino Real

Santa Clara.

For Directions,  
go to  
[www.baesg.org](http://www.baesg.org)

RSVP at

[BAESGreservation](mailto:BAESGreservation@aol.com)

@aol.com

**INSIDE  
THIS ISSUE:**

Feb Meeting 1

Membership 2  
Renewal

President's 2  
Corner

New Venue 3

Feature 4  
Articles

Coming 15  
Events

Job Listings 16

Membership 21

Directory 22  
Advs

# Safety Insider

MARCH 2009

## March Meeting Announcement

### **FIRE PROTECTION 101 & SURVIVING YOUR INSURANCE / JURISDICTION INSPECTION**

Interacting with Jurisdictional Authorities and Insurance companies requires different skill sets – all of which are needed to have successful inspections and negotiations. Recent changes in the Fire and Building Codes have left some gaps in enforcement, and in some cases – excesses. By learning what the key items are that your inspection agencies look for, you can be better prepared to answer and address them, ideally before the inspector even arrives on your site.

This seminar will provide attendees with a broad overview of relevant fire protection topics, including a basic review of fire and building codes, tips for surviving your insurance or jurisdictional agency inspection, and specialty topics such as exiting, & hazard materials management

**Presented by Todd LaBerge, P.E. Worldwide Program  
Manager - Fire Protection Engineering, Corporate  
Environmental, Health & Safety, Intel.**

Mr. LaBerge's 15 years of experience in the Fire Protection Industry includes serving as a Senior Consultant with FM Global, as a Fire Protection Engineer for the City of Sunnyvale California and currently as the Worldwide Fire Protection Engineering Manager for Intel Corporation. He brings a well-balanced knowledge base of Code Compliance issues, Insurance Company hot buttons and Jurisdictional interactions to this discussion.

# Membership Drive

The BAESG 2009 Membership Drive underway

Membership renewal is only \$25.00. Everybody who enrolled or renewed as a member before October 16th, 2007 needs to renew in order to enjoy the benefits of membership in 2009, including the annual membership directory, the monthly newsletter and job listings, and a **30% member's discount on our su-**

**perb series of monthly meetings.**

Please fill out the application on the last page along with your check for just \$25 (\$12.50 for students and retirees). and return to:

**BASEG  
PO Box 60363  
Sunnyvale, Ca 94088**

**Note that our membership rates have not changed since 1993!**



## President's Corner

We had a turnout of 50 + people at our February BAESG meeting featuring Mr. Greg Breshers, Santa Clara County Hazmat speaker on Hazardous Materials Business Plans. We hope this topic was timely and has helped you in your preparation of the annual Business Plan submissions.

We appreciate your comments that you enjoy the food and service at Carrow's. To ensure you get your meal in a timely manner and that you get the entrée you wish, please RSVP to Lana at [BAESGreservation@aol.com](mailto:BAESGreservation@aol.com) no later than the COB on the Friday prior to the meeting. We appreciate your help and

know the restaurant staff does as well.

To increase membership, the BAESG Board has recently decided to raise the non member meeting fee to \$30, whether or not the person reserves in advance. This fee increase will be effective at the April meeting. As you are probably

Continued on next page...

## President's Corner, continued...

aware, the BAESG is still one of the most economical EHS memberships in the Bay Area for only \$25.00 per year. If you have not already done so, please renew your membership by the April 15th BAESG meeting. We would like to use that as a cut off time for the annual BAESG member directory.

The Board also would like to have 2 half-day professional development conferences (PDCs), possibly one in the Spring and the other in the Fall. We are looking at topics and speakers for a green business PDC. If you know of any speakers or have topics that you would like to be covered, please contact myself or any other Board member. Also, if you have suggestions for other EHS related topics for the PDCs, let us know.

Thanks, and hope all of you can join us at the March 18th meeting !

Mark S. Gordon  
BAESG President

---

**OUR NEW MEETING LOCATION  
IS CARROWS RESTAURANT  
3180 EL CAMINO REAL  
BETWEEN LAWRENCE EXPSY AND BOWERS AVE.**

Note: Use Private entrance from back parking lot.

**Menu selection for March's Meeting**  
(indicate your choice when making reservation):

**Chicken Cordon Blue**

or

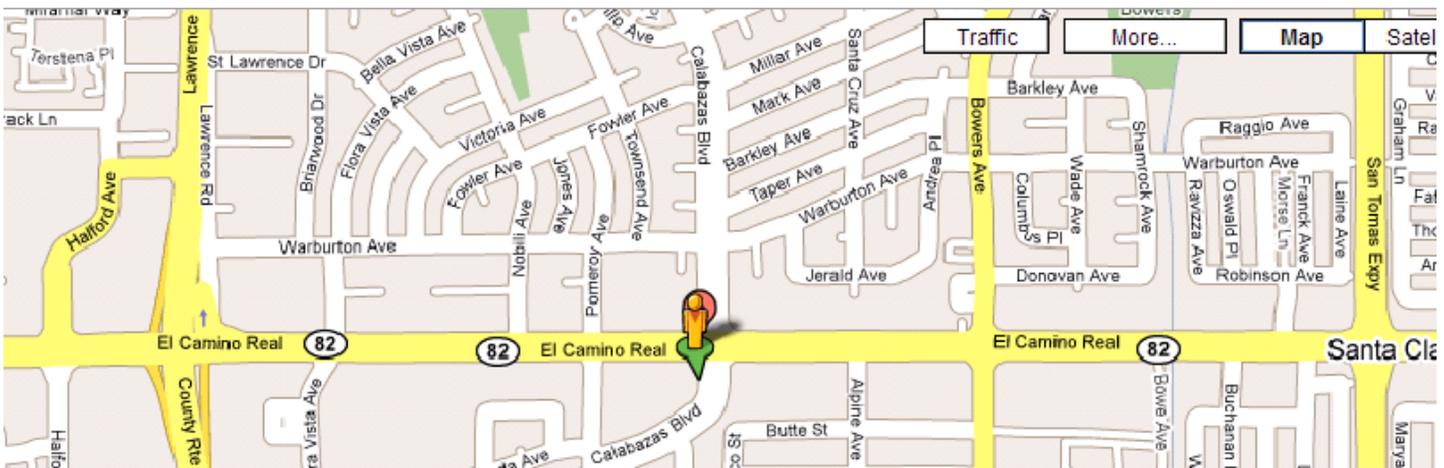
**Salisbury Steak**

or

**Grilled Cod**

or

**Cesar Salad**



## How To Train 135 Million Workers

**ISHN Ezine June 19 2008, by Dave Johnson, Chief Editor, ISHN**

Wonder of wonders, one never knows what might show up in his email inbox. A while back I received an email from a Russian safety magazine. Tell us about your system for training workers about safety, the editor asked.

Our "system"? Sorry, we don't do that centralized planning thing here in the states.

But how do we arrange safety training for employees?

My short responses to my Russian colleague: There is no one system. In typical American fashion, we leave the specifics of training content delivery (many stipulated in broad terms by OSHA regs) to the independent, free-thinking ways of safety and health pros and part-timers.

Let's examine seven safety training resources available in the U.S.

### **NEEDS ASSESSMENT**

In 2006, 8.9 million worksites existed in the U.S., according to OSHA. These worksites employed 135 million workers.

Most worksites are very small, and do not have a safety or industrial hygiene expert on staff. In 2005, 5.4 million worksites had fewer than 20 employees, according to the U.S. government.

Mostly, only large businesses carry the salaries of full-time safety and industrial hygiene professionals to train workers. Approximately one million establishments have more than 500 employees.

Many of the seven training resources listed below can be accessed by smaller businesses, staffed by part-time safety practitioners. In a 2008 survey by ISHN, 49 percent of readers said industrial safety was their full-time job. For 38 percent, safety was a responsibility in addition to other work functions, such as being a business manager, business owner, engineer, purchasing agent, or personnel director.

### **AVAILABLE RESOURCES**

#### **1) MOTHER OSHA**

OSHA's regulatory requirements for worker training do not specify exactly how workers are to be trained. That decision is left to each business owner, or the industrial safety and hygiene professional on staff.

For example, OSHA's most basic training requirements states: "The employer shall instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his work environment to control or eliminate any hazards or other exposure to illness or injury."

Many specific OSHA regulations have worker training requirements for specific hazards, such as training for entering confined spaces, working with mechanical presses, using hazardous

materials, responding to emergencies, forklift driving, respiratory protection, exposure to asbestos, electrical safety, and shutting down dangerous machinery for maintenance.

OSHA's Web site provides many free training materials to meet the training requirements of these regulations. They include posters, pocket-size cards with safety tips, fact sheets, and information bulletins. In 2007, 80 million people visited OSHA's Web site.

OSHA operates the OSHA Training Institute. There are at least ten OSHA training centers across the U.S. Industrial safety and hygiene skills are taught in one-week courses and one-day workshops.

OSHA also operates a Resource Center Loan Program. Training videos are loaned for free to OSHA-certified trainers and worksites with superior safety programs that have qualified for the Voluntary Protection Program (VPP).

## **2) UNIVERSITY INDUSTRIAL SAFETY & HYGIENE PROGRAMS**

More than 100 universities in the U.S. offer degrees in safety and health management, industrial hygiene, hazardous waste management, fire protection, construction safety management, occupational medicine, nursing, risk control, and injury prevention.

Students can earn four-year degrees, two-year degrees, post-graduate master's and doctoral degrees, and certificates obtained in workshops, seminars, and continuing education courses.

Many part-time safety people charged with training employees avail themselves of short-course workshops and seminars.

Increasing, universities are offering industrial safety and hygiene training courses online. Students can study and take tests on their computers at home, without traveling to the campus and sitting in a classroom.

## **3) PRIVATE PROFESSIONAL ASSOCIATIONS**

For full-time professionals, these private associations educate and train their members at annual conferences with seminars and workshops and lectures, and through special certificate programs. For example, the American Society of Safety Engineers offers a Certificate in Safety Management seminar and an Executive Program in Safety Management seminar.

## **4) PRIVATE VENDORS & CONSULTANTS**

Many of these companies started years ago selling safety training films on OSHA compliance topics such as chemical safety, machine safety, fire safety, and construction safety. Today, many of these companies sell their training products online. These include DVDs, manuals, training kits, workbooks, and online workshops.

Training lectures and presentations can now be broadcast over the Internet direct to workers' computers, instead of workers sitting in classrooms. Plus, workers can now take training courses at home, during lunch, or anytime they choose. These courses are often called "Webcasts" or "Webinars."

According to the 2008 ISHN survey, 63 percent of readers said they had watched and listened to a safety "Webcast" in the past year. Students can submit questions via email during these "Webcasts." Also, the survey showed 27 percent receive their industrial safety and hygiene training online, over the Internet and straight to their computers, instead of attending the typical classroom safety lecture.

## **5) INDUSTRY TRADE ASSOCIATIONS**

Many industry trade groups in the U.S. provide industrial safety and hygiene training to their member companies. Training is designed for specific types of businesses, such as chemical plants, pharmaceutical plants, express delivery services, even brick manufacturers.

In the state of New Jersey, for example, construction companies have combined to form a training organization called "BuildSafe." Construction workers and industrial safety and hygiene professional staff attend conferences and workshops to receive specific construction safety training.

## **6) UNIONS**

The number of U.S. workers belonging to organized trade unions has declined sharply in the past 50 years. In 2007, 15.7 million workers belonged to a union, or about 12 percent of all workers.

Unions over the years have battled long and hard for safer working conditions in factories and construction sites and mines. Some unions, such as the United Auto Workers Union, operate safety training centers and workshops for their members. Some of this training is co-sponsored by the union and manufacturers such as Chrysler or General Motors or Ford Motor Company.

## **7) OSHA's VPP**

In the 1980, OSHA began a program to encourage worksites to raise the level of their safety performance. The Voluntary Protection Program (VPP) set high standards for eligibility. If a worksite met the standards and passed a special OSHA inspection, it became exempt from routine OSHA inspections and raised the VPP flag in front of the worksite, sending a message that this worksite took safety very seriously, and achieved above-average safety performance results.

Today, 1,957 worksites fly the VPP flag. Many of these worksites rely on individual or teams of employees to carry out safety responsibilities. Once a year many of these worksites send their teams of employees to the annual Voluntary Protection Program Participants' Association conference, or regional VPPPA meetings, for training.

In the U.S. with 8.9 million worksites, the VPP training effort involving 1,957 sites is a small answer to a large challenge. But the U.S.'s flexible, decentralized approach, combining market forces with public and private outreach results in many training options or sources, such as the seven described here, to reach the many, many millions of workers who need industrial safety and hygiene skills.

And of course, not all are reached. Millions of workers, especially in small operations flying under the radar, go without any formal safety training, or training that is "down and dirty" and inadequate by the standards of many larger companies.

## Compact Fluorescent Light Bulbs: Do Energy-savings Outweigh Mercury Hazard?

from EPA website, Jan 29, 2009

With the issue of climate change on everyone's mind these days, people are looking for ways to cut down on energy use. Many people are turning to compact fluorescent light bulbs (CFLs), which use 75 percent less energy and last up to 10 times longer than incandescent bulbs.

But there is also a concern because CFLs contain a small amount of mercury. One Pennsylvania resident recently emailed the U.S. Environmental Protection Agency's mid-Atlantic region to ask what she should do:

"The problem with CFLs," she wrote, "is that these bulbs contain mercury and they need to be disposed of properly but the box does not give any instructions. Should we be more concerned with energy saving or mercury hazards?"

EPA's electronics recycling specialist Dan Gallo, who responded to the question, says the benefits of lower energy consumption outweigh the disadvantages but "EPA promotes and encourages the safe disposal of old CFLs to prevent the release of mercury into the environment,"

"Although CFLs do contain mercury, it is present in trace amounts -- five milligrams -- an amount that would cover the tip of a ballpoint pen," said Gallo. "It would take 100 CFLs to equal the amount of mercury contained in older thermometers, which is about 500 milligrams."

The good news is that old CFL bulbs can be taken to Home Depot, IKEA and Ace Hardware for recycling. And Wal-mart is piloting a CFL recycling program at its stores in the Richmond, Va. area.

Since CFLs use 75 percent less energy than traditional incandescent light bulbs, if every American switched one incandescent bulb to a CFL, it would save more than \$600 million in annual energy costs and prevent greenhouse gases equivalent to the emissions from 800,000 cars.

"Using CFLs is a quick and easy way for Americans to save energy and money everyday, while they also protect the environment," Gallo said.

But if a bulb accidentally breaks, proper clean-up is necessary.

"The first thing you want to do is to get everyone out of room, including pets," Gallo said. "Open a window to air out the room for at least 15 minutes. If you broke the bulb on a hard surface, take a piece of stiff paper or cardboard and scoop up as much of the debris and residue as you can."

Gallo advises to use an old glove or sock to protect hands and then wipe up any remaining residue with a moist paper towel. "If you broke the bulb on a carpeted surface, you'll want to use sticky tape to blot up any residue. Put everything in a plastic bag or a jar that can be sealed with a lid and dispose of it with the regular household trash."

For more information, go to: <http://www.epa.gov/osw/hazard/wastetypes/universal/lamps/index.htm>

<http://www.epa.gov/osw/hazard/wastetypes/universal/lamps/faqs.htm>

## OSHA Revises Voluntary Protection Programs

EHS Today, Jan 16, 2009. By Laura Walter

**In the Jan. 9 Federal Register, OSHA published final changes to its Voluntary Protection Programs (VPP) that, among other enhancements, allow participation by companies with mobile workforces.**

The VPP, the agency's recognition initiative for workplace safety and health excellence, will provide new options for construction contractors and other employers who may have workers at various locations. Other VPP changes for eligible organizations include a streamlined application process, outreach and mentoring and onsite workplace evaluations.

According to the Federal Register notice, "VPP's original focus was on establishing effective safety and health management systems at individual fixed worksites where the employer had responsibility and authority to control safety and health." But OSHA's experience with VPP Demonstration Programs, other cooperative programs and public comments "have demonstrated that the basic principles of site-based safety and health management apply equally well to workforces that move from one work project and location to another and whose employers may not have controlling authority for safety and health."

Acting Assistant Secretary of Labor for OSHA Thomas M. Stohler pointed out that since 2001, participation in the VPP has increased almost 200 percent. During that same period, workplace fatalities decreased 14 percent.

"OSHA is proud to recognize the outstanding efforts of employers and employees who have achieved exemplary occupational safety and health," Stohler said. "These program revisions will allow more companies to participate in the VPP, which has contributed to improved workplace safety."

The VPP was established in 1982 to recognize employers and employees

The VPP was established in 1982 to recognize employers and employees who focus on the prevention of injuries, illnesses and fatalities through the implementation of effective safety and health management systems. Currently, there are 2,161 federal and state plan VPP participants.

Changes to the VPP are effective May 9, 2009.

"Once the following revisions become effective, OSHA will move current participants in its VPP Mobile Workforce Demonstration for Construction and its VPP Corporate Pilot into the appropriate VPP program (Star or Merit) and way to participate (site-based, mobile workforce, or corporate)," the notice read.



## Investors See Green Technology as the “Next Great American Industry”

**Wallace Partners Newsletter, Feb 2009**

According to latest survey on environmental investing by Allianz Global Investors AG (AllianzGI), one of the world’s largest asset management companies, Americans see a golden age for green investing. Key survey findings:

- Environmental technology has the potential to be the “next great American industry”
- Despite the sluggish economy, investors are generally optimistic and ready to put their green to work
- 78 percent of investors, according to the survey, believe we are likely to see more policies to promote business investment in the environment under President Obama
- 58 percent say Europe is ahead of the U.S. when it comes to addressing environmental problems

## Powerful, new partnership exposes companies to reputational risk

**Wallace Partners Newsletter, Feb 2009**

The Interfaith Center of Corporate Responsibility (ICCR), a faith-based organization who mobilizes institutional investors on sustainability-related issues, has teamed up with TruCost, a leading environmental researcher to create a new public clearinghouse of environmental data. 150 companies with pending sustainability-related shareholder resolutions are now profiled and ranked by sector based on their respective greenhouse gas (GHG) performance.

For more information, see: <http://www.iccr.org/shareholder/trucost/index.php>

## The 100 Most Sustainable Corporations Announced at Davos

**Wallace Partners Newsletter, Feb 2009**

The Global 100 Most Sustainable Corporations in the World is a project initiated by Corporate Knights Inc., with Innovest Strategic Value Advisors Inc. a leading research firm specializing in analyzing “non traditional” drivers of risk and shareholder value including companies’ performance on social, environmental and strategic governance issues. The accompanying research shows that sensitivity to environmental issues, particularly for the extreme performers, may enhance returns of an active investor strategy over time.

For more information, see: <http://www.global100.org/2009/index.asp>

## EHS Educational Programs

Contributed by Joe Barsky, MS, CIH, CSP, EHS Manager, Lam Research

<http://niosh-erc.org/> has the details on the 17 NIOSH funded programs in the country for Masters and Doctorate degrees as well as for continuing education. An undergraduate degree in the sciences is the usual prerequisite. I am an Alumni of the University of Cincinnati Masters of Science Program with a double Masters of Science in Occupational Safety and Industrial Hygiene.

After these, there are many other undergraduate programs around the country that are newer programs such as the program at San Jose State or California State University East Bay

<http://www.engr.sjsu.edu/ges/on-campus/env-health-safety-systems> (San Jose State)

<http://www.csueastbay.edu/ecat/20072008/u-ensc.html#section5> (California State University East Bay )

Through the American Society of Safety Engineers, we list the College and University Directory at

[www.asse.org/professionalaaffairs/education/directory/directory.htm](http://www.asse.org/professionalaaffairs/education/directory/directory.htm)

Through the American Industrial Hygiene Association, we list schools that offer industrial-hygiene-related programs at <http://www.aiha.org/Content/AccessInfo/Students/collegeuniversityih.htm>

There are still some opportunities for grants and scholarships through the schools and professional associations. Surprisingly, knowledge of the field is limited and many of these programs are in need of students. The current workforce of EHS professionals is gentrifying and despite the popularity of shows like CSI there are not enough young graduates entering our field to replace us. Historically, this has been an excellent field for women with an interest in science as there are no issues of gender discrimination.

## Using Cruise Control in the Rain

Contributed by Nanci G. Eksterowicz, Enterprise Risk Manager, Santa Clara VTA

A 36 year old female had an accident several weeks ago and Totaled her car. A resident of Kilgore , Texas she was traveling between Gladewater & Kilgore. It was raining, though not excessively, when her car suddenly began to hydro-plane and literally flew through the air. She was not seriously injured but very stunned at the sudden occurrence!

When she explained to the highway patrolman what had happened he told her something that every driver should know - Never drive in the rain with your Cruise Control on! She thought she was being cautious by setting the cruise control and maintaining a safe consistent speed in the rain. But the highway patrolman told her that if the cruise control is on when your car begins to hydro-plane and your tires lose contact with the pavement, your car will accelerate to a higher rate of speed making you take off like an airplane. She told the patrolman that was exactly what had occurred.

The patrolman said this warning should be listed, on the driver's seat sun-visor - "Never use the Cruise Control when the pavement is wet or icy", along with the airbag warning. We tell our teenagers to set the cruise control and drive a safe speed - but we don't tell them to use the cruise control only when the pavement is dry.

## Struggling Schwarzenegger eyes enviro rule roll back

**BusinessGreen, by Danny Bradbury, Jan 20, 2009**

### **California governor angers environmental groups with proposal to ditch green planning rules in order to accelerate job-creating infrastructure projects**

Tensions are rising between environmental groups and California's Governor Schwarzenegger as he seeks to rein in environmental protection measures in an attempt to kickstart the economy.

Schwarzenegger has built himself a reputation as a world leader on tackling climate change and has imposed some of the most stringent green regulations anywhere in the US since he took office.

However, his state's budget crisis is now so severe that some reports claim the government will run out of money next month - a scenario that prompted Schwarzenegger to write to President-Elect Obama earlier this month, asking him to "Waive or greatly streamline National Environmental Protection Act (NEPA) requirements consistent with our statutory proposals to modify the California Environment Quality Act (CEQA) for transportation projects".

CEQA demands that an environmental review is undertaken before any project requiring Government approval can go ahead.

The move was seized upon by green groups as evidence that the Governor was seeking to roll back important environmental protections in an attempt to accelerate state capital investment projects

"All Californians care about the fiscal health of our state, but relaxing environmental law is not the way to do it," responded Ann Notthoff, California advocacy director at the Natural Resources Defense Council.

"California's dedication to our workforce and investment in developing clean energy technology has built our economy into the eighth largest economy in the world. These are tough times, but it's times like these that we need to work toward what's best for California."

Speaking at press conference this week, Schwarzenegger said that the relaxation of the environmental rules was needed to help tackle rising unemployment. "It's about jobs, jobs, jobs," he said. "That's why I've been adamant about easing environmental regulations and other red tape in order to get the infrastructure going, to get infrastructure projects moving as quickly as possible."

The Governor, currently locked in a stalemate with his legislature over his proposed budget, urged Democrat legislators to compromise and approve the budget despite the push to water down environmental rules.

The request for Obama to waive the National Environmental Protection Act is not the first instance of Schwarzenegger seeking to streamline planning rules to water down environmental inspections. At the end of September, he signed bill SB 375, introducing rules to help plan suburban communities that produce fewer greenhouse gas emissions, but also exempting home construction projects from the California Environmental Quality Act.

Schwarzenegger has traditionally been an ally of environmental groups, but his complaints about the economic effect of delays to infrastructural projects have been mounting recently.

Up to 2,000 infrastructure projects are currently in danger of failing, he said, adding that the ability to rely on the government bonds market for extra capital is partly to blame for the financial mess. "The board that controls the state bank account has now pulled the plug on \$3.8 billion of infrastructure loans; that means that thousands of infrastructure projects will be cancelled and that will have a devastating effect," he said in December.

California's unemployment rate was at 8.4 per cent in November, and is estimated to reach nine per cent.

## **ASSE: Reducing or Ignoring Workplace Safety During Business Downturns Costly**

**EHS Today, by Laura Walter, Jan 2, 2009**

**American Society of Safety Engineers (ASSE) President Warren K. Brown, along with ASSE members worldwide, caution employers against cutting back on workplace safety in time of economic difficulty.**

"Workplace safety processes must be in place at all times," said Brown. "They are even more critical during business downturns."

Brown was referencing recent reports of some companies cutting safety processes hoping to reduce costs. He stressed that if companies believe they can save money by reducing or ignoring worker safety, they are mistaken.

"The ongoing positive results are in and have been for companies that have a strong safety culture and continually invest in and implement effective safety processes," Brown explained. "Not only does their bottom line benefit positively, but their company reputation stays intact, employees stay safe and healthy reducing health care, workers comp, training and turnover costs, not to mention keeping customers, the communities they do business in, vendors and employees happy. Safety is good business."

Other ASSE members and officers agree. President-elect of the ASSE South Carolina Chapter Laura Comstock said, "Some safety related purchases and testing can be deferred, but other purchases, such as those for employee personal protective equipment (PPE) like hardhats, safety glasses and respirators, are critical to operations."

It is especially important for companies to show support for their employee safety during challenging economic times, she noted. "Employee morale may be low and employees may be carrying additional workloads, such as working additional hours or doing unfamiliar tasks due to cutbacks," she said.

Companies must therefore maintain a solid safety process even through difficult times in order to be remain viable. The most successful companies in the long term, Comstock explained, also have the strongest safety performance.

## Investing in Safety

“We realize these are tough times, but during economic down-turns, employers seeking to cut expenses may target variable operating costs such as travel, training and safety,” Brown said. “Money cut from safety processes now could have an enormous cost later; this can be from injury and health care costs, fines, lost production time, employee morale, or worst of all, employee injury or even death. There are better and smarter ways to protect the bottom line.”

The South Carolina ASSE chapter suggests employees can also take measures to help companies save money, such as: following safe working procedures and practices to prevent injuries, related downtime and expenses such as costly fines; by properly using, cleaning and caring for protective equipment such as hardhats and respirators; reusing gloves whenever possible for as long as possible; and by keeping track of safety glasses and reusable hearing protection.

Investing in safety pays and contributes positively to a company’s bottom line. Businesses spend about \$170 billion a year on costs associated with workplace injuries and illnesses and pay almost \$1 billion every week to injured employees and their medical providers. In addition, a recent investment firm study in Australia showed valuation links between workplace safety and health factors and investment performance. It found that companies who did not adequately manage workplace safety issues underperformed those that did.

Comstock also reminds employers: “When considering training reductions, some safety related training is driven by regulation, is time sensitive and cannot be delayed. Safety training related savings can be generated by streamlining and implementing simple solutions including using online or electronic safety training services, rather than face-to-face classroom safety training.”

“We need to work together during these difficult times, but reducing or ignoring workplace safety should not be a strategic or budget option,” Brown said. “The costs – both tangible and intangible – are far too high and hard to recoup.”

## AIHA Survey Names Top Health and Safety Issues

**EHS Today, by Laura Walter Nov 14, 2008**

**The American Industrial Hygiene Association (AIHA) recently announced the results of its biennial membership survey, projecting that permissible exposure limits, MSDS/GHS and nanotechnology are among the top public policy issues of concern to AIHA members and the EHS profession over the next 2 years.**

“This list of policy issues allows AIHA to focus our efforts on the priorities of our members,” said AIHA President Lindsay E. Booher, CIH, CSP. “Industrial hygienists and other OEHS professionals are on the front line of worker safety and public health, and these regulatory and legislative issues have a key impact on the work that they perform.”

AIHA identified the following as the top public policy issues for 2009–2010:

**Permissible Exposure Limits (PELs) Updating** – OSHA PELs are consensus-based limits that indicate how long an individual can be exposed to a particular substance without experiencing harmful effects. The occupational health and safety profession considers PELs to be one of the most basic tools needed to protect workers. However, many PELs have not been updated since the 1960s and 1970s. Science in this area has matured, but the PELs have not. AIHA continues to work with OSHA, Congress and others to reach a consensus on the best way to update PELs.

**Material Safety Data Sheets (MSDS)/Globally Harmonized System (GHS)** – AIHA supports efforts to improve the accuracy of MSDS and supports efforts to improve hazard communication for employers and employees. Such efforts are also a crucial element in protecting workers and others in case of national emergencies. A major part of improving hazard communication is adoption of the Globally Harmonized System of Classification and Labeling of Chemicals. AIHA supports adoption of the GHS.

**Nanotechnology** – The increased use of nanotechnology in our daily lives raises occupational health and safety concerns that we may be unaware of when working with this new technology. AIHA supports research into the possible hazards involved with nanotechnology but suggests caution in enacting new legislation and/or regulation that might be detrimental to the health and safety of workers.

**Professional Recognition/Title Protection** – This issue continues to appear in the top public policy issues for AIHA, as it has since 1993. Professional recognition/title protection allows industrial hygienists and others who have met minimum educational and experience requirements (such as certified industrial hygienists and certified safety professionals) to be legally defined and recognized as competent to perform certain work without the need for additional requirements. Some form of professional recognition/title protection legislation has been enacted in 19 states, and more than 25 states have additional recognition of AIHA programs and/or definitions. AIHA continues to educate federal and state policymakers about the importance of recognizing those professionals who have received education and certification from nationally recognized and accredited organizations.

**Laboratory Accreditation** – Accredited laboratories are the best way to ensure that test samples of potential workplace hazards are analyzed correctly. AIHA continues working to see that the AIHA laboratory accreditation program is noted in federal and state legislation and regulation as one of the programs with national recognition and acceptance. There also is an increased need to have AIHA-accredited laboratories recognized on the international level.

**OSHA – Specific Issues:** Combustible Dust Standard; Ergonomics Standard; Cranes and Derricks Standard; Silica Standard; Indoor Air Quality

**OSHA – General Issues:** PELs – Updating; GHS for Classification/Labeling of Chemicals; Nanotechnology; Safety and Health Programs/Injury and Illness Prevention Programs; Risk Assessment

**Federal/State Legislative Issues:** PELs – Updating; Appropriations for OSHA, MSHA, NIOSH, EPA; Federal Contracting – Must comply with OSHA regulations to receive; GHS for Classification/Labeling of Chemicals; Expansion of OSHA coverage to all employees

## Upcoming Events

If you'd like to see your events advertised in this space, and on our website, email your announcement to: [baesg.jobs@gmail.com](mailto:baesg.jobs@gmail.com)

### Local Events:

**Environmental Training Center** has the following training courses/seminars coming up at Mission College (For more information see: <http://www.rebrac.org/>)

Mar 12 Workplace Violence Prevention Training  
Mar 12 Blood Borne Pathogen Program  
Apr 3 DOT 49 CFR Hazardous Materials Transportation

**UC Santa Cruz Extension** has the following training courses/seminars coming up in Cupertino (For more information see: <http://www.ucsc-extension.edu/>)

Mar 20 Toxics Laws and Regulations, Update  
Mar 30 40-Hour Hazardous Waste Operations and Emergency Response Training  
- Apr 3  
Mar 13 8-Hour Annual HAZWOPER Refresher  
Apr 10 Occupational Health and Safety Annual Update

### California Events:

**UC Berkeley Center for Occupational and Environmental Health** offers a broad range of accredited courses for practicing health and safety professionals. through its Continuing Education Program . The program draws upon faculty from throughout the Center as well as nationally prominent guest instructors.

Ongoing **AHERA Accredited Asbestos & EPA/Cal-OSHA Lead Certification Courses** are also offered throughout the year. For more information, please see <http://www.coehce.org>

#### 21th Annual Cal/OSHA Update Seminar

April 1,2 California Safety Services Group is hosting its 21th Annual Cal/OSHA Update Seminar with  
21,22, 23 Robert Peterson and Joel Cohen., and Barbara Miller, recently retired presiding Administrative  
In various Law Judge with the Cal/OSH Appeals Board. Cal/OSHA District Managers and/or Regional  
cities Managers representatives will also be present to answer questions. This series will be hosted  
in Emeryville, Sacramento, Burbank, Ontario, and Garden Grove. The seminar will review and  
update significant 2008 Cal/OSHA regulation and policy changes. Significant rulings of the Cal/  
OSHA Appeals Board will also be discussed. There will also be a 2-hour early morning session  
contractors (6:30 to 8:30am) designed specifically for contractors, which will focus on prob  
lems unique to contractors and subcontractors.

For more information or to register, go to <http://seminar.thecohengroup.com> or call  
California Safety Services Group at (800) 275-2774.

## Employment Opportunities

The following positions were collected from a variety of internet job listings and/or postings received directly by the BAESG Jobs Coordinator. BAESG has not verified the informational content of all of these ads.

\*\*\*\*\*

**Lawrence Livermore National Laboratories** has a number of openings that are looking to be filled. More detailed information is available at: [https://jobs.llnl.gov/prod\\_index.html](https://jobs.llnl.gov/prod_index.html)

### **Fire Protection Engineer ( Job #: 007960 )**

Organization: 9561 Fire Protection, Inspection

Directorate: Emergency Management Department

NOTE: This is a Flexible Term (at will) appointment, not to exceed six years. Lab employees and external candidates may be considered for this position.

#### NATURE AND SCOPE

The Fire Protection Program Division of the Emergency Management Department has an opening for a Fire Protection Engineer to provide comprehensive fire protection support to various LLNL programs. The selected individual will interact with all levels of personnel in the organizations supported, including managers, experimenters, technicians, and administrative staff. This position reports to the LLNL Fire Marshal.

#### ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES

- Bachelors Degree in Fire Protection Engineering or related field or equivalent level of demonstrated knowledge.
- Several years experience in fire protection and knowledge of associated codes, standards, regulations and practices.
- Experience analyzing and solving complex fire protection and related safety problems.
- Demonstrated analytical and decision making skills with the ability to organize and effectively coordinate multiple and frequently conflicting, concurrent tasks, with good follow-through.
- Demonstrated knowledge and experience with automatic sprinkler inspection and testing.
- Experience reviewing automatic sprinkler hydraulic calculations.
- Demonstrated knowledge and experience working with the Life Safety Code.

### **SENIOR HEALTH & SAFETY TECHNOLOGIST (Job #: 007859)**

Salary Range: \$27.15 - \$43.98

Organization: 9662 HCD Team 2

Directorate: Hazards Control Department

NOTE: This is a Flexible Term (at will) appointment, not to exceed six years. Lab employees and external candidates may be considered for this position. If final candidate is an Indefinite Career employee, Indefinite Career status may be maintained.

#### NATURE AND SCOPE OF JOB

The ES&H Teams Division of the Hazards Control Department has an opening for a Senior Health & Safety Technologist. Individual will provide advanced health and safety guidance and oversight to the ES&H Team

functional support areas. Under minimal supervision will provide advanced technical support in ES&H and perform complex technical assignments. Interactions will be with workers, scientists, engineers, skilled technical personnel and upper management. Will report to the ES&H Technician Supervisor.

#### ESSENTIAL SKILLS, KNOWLEDGE, AND ABILITIES

- Associate degree in Occupational Safety and Health, Radiation Protection with significant related experience or equivalent combination of education and experience.
- Demonstrated ability to acquire and analyze complex data about the work environment and experimental operations.
- Advanced technical knowledge of ES&H and ability to report results and identify and solve complex problems to affected program or individuals and to maintain logbook.
- Demonstrated advanced technical skills and knowledge of ES&H procedures, standards and techniques.
- Advanced technical knowledge and experience in the operation of analytical instrumentation.
- Ability to lead or train less experienced technicians.
- Experience developing safety guidelines for facilities, equipment and experimental processes.
- Experience operating and maintaining health and safety measurement and monitoring equipment.
- Experience working with all levels of management.

#### **HEALTH AND SAFETY TECHNICIAN / TECHNOLOGIST (Job #: 008047)**

Salary Range: \$19.56 - \$37.18

Organization: 9785 Technology Resources Engineering

Directorate: Engineering

NOTE: This requisition has two openings; to be filled as Indefinite Career or Flexible Term. Flexible Term (at will) appointments do not exceed six years. Lab employees and external candidates may be considered for these positions. Reposted position. Originally posted on 11/24/08. Previous candidates need not reapply.

#### NATURE AND SCOPE OF JOB

The Materials Management Section, within the Technology Resources Engineering Division, is seeking two Health and Safety Technician/Technologist to provide support in Superblock operations. Under close supervision, will provide basic technical support to the Section for the control and accountability of nuclear material. Will manage the vaults where materials are stored, move materials within and outside of the facility and to perform the measurement of materials for specific nuclear attributes. The position requires working directly with nuclear materials, working daily in the B332 radioactive materials area (RMA) and Nuclear Materials Technology Program (NMTP) Superblock. Regular interaction with: scientists, co-workers, scientists, engineers, facility operators and skilled technical personnel. This position offers significant specialized training in key areas of handling and managing controlled materials. Will report to the Group Supervisor for B332 Operations.

## **Construction Safety Manager**

Innovative Technical Solutions, Inc. (ITSI)

### **DESCRIPTION**

Innovative Technical Solutions, Inc. (ITSI) is a national Engineering, Construction & Consulting firm based in Walnut Creek, California, ([www.itsi.com](http://www.itsi.com)) focusing on providing design-build infrastructure and environmental solutions for our clients. ITSI's clients include all branches of the Department of Defense in addition to municipal and commercial clients.

ITSI is seeking Construction Safety Manager for our corporate headquarters located in Walnut Creek, California. We are looking for an individual who thrives in a fast paced, busy environment and likes a challenge.

Must be US Citizen or Permanent Resident.

For more information or to Apply: Please visit our Careers Center at <http://www.itsi.com/careers.php>

\*\*\*\*\*

## **Temporary Industrial Hygiene/Environmental Technician**

### **DESCRIPTION**

Emphasis on Air Sampling, Running Pumps, Storm water run off, Calibration - 60%

Secondary role - Analyze data, generate reports and spreadsheets - 40%

This temporary technician level position will provide field industrial hygiene and environmental program support to Company's Environmental Health and Safety Department. Will provide field support focused in two principal EH&S program areas (Industrial Hygiene Workplace Hazard Assessments and Hazardous Waste Program – Operations).

Will support auxiliary EH&S programs as a member of Departmental and cross-functional teams. Supporting tasks assigned in these auxiliary capacities will span a multitude of health & safety and environmental program areas, e.g., may support Respiratory Protection, Hazard Communication, Lock-Out, Confined Space, Personal Protective Equipment, EH&S Program and IIPP Audits, Work Hazard Analyses, Storm water and Wastewater Compliance and BAAQMD Compliance programs.

CONTACT Donnie Hill, Program Manager, TAC Worldwide

San Jose: 877-912-5720 or [dhill@tacworldwide.com](mailto:dhill@tacworldwide.com)

WEB ADDRESS Visit us at [www.tacworldwide.com](http://www.tacworldwide.com)

\*\*\*\*\*

## **EH&S Specialist III**

BioMarin Pharmaceutical in Novato, CA

Six or more years in EH&S, Industrial Hygiene and Ergonomics experience preferred.

CONTACT Michael Kraus, EHS Manager

BioMarin Pharmaceutical Inc.

Tel 415.506.3555 or [mkraus@bmrn.com](mailto:mkraus@bmrn.com)

WEB ADDRESS For further position description and to apply go to BioMarin's website at [www.bmrn.com](http://www.bmrn.com)

**Safety Trainer/Coordinator @ AB&I Foundry**

The Safety Trainer/Coordinator is responsible for assisting the Safety Manager with Compliance and Training in accordance with Cal/OSHA standards.

Duties will include training all supervisors and hourly personnel in OSHA rules and regulations, work site safety practices, inspections etc. The Safety Trainer/Coordinator will provide technical expertise, support employee involvement and participate in new equipment and process change. Assist with development of and review of all incident reports and follow up to contributing conditions as well as corrective actions. Existing safety programs include lead testing, audiometric testing, safety inspections, safety incentive programs, monthly safety meetings, and new hire orientation.

Other responsibilities will include ensuring that all safety, industrial hygiene and medical records information and required reports are maintained and completed as needed and on a timely basis.

Education: Safety degree preferred (would consider internship for student working towards a related degree). **MUST BE BILINGUAL.**

Experience: 2+ years of experience required.

Contact: Zeydi Gutierrez at [zgutierrez@abifoundry.com](mailto:zgutierrez@abifoundry.com).

CONTACT Zeydi Gutierrez  
Human Resources and W/C  
AB&I Foundry  
(510) 632-3467, ext. 225  
510-633-5292 - fax

\*\*\*\*\*

**DISTRICT ACCOUNT MANAGER**

Position Overview

The objective of this position is the development and expansion of General Environmental Management, Inc. in a assigned regional market. The District Account Manager is responsible for all sales & marketing related activities including; new business strategy/execution, presentation/proposal preparation and customer support for management of hazardous waste materials within account base. This position requires an individual with proven success at developing new business and maintaining existing customer base. The DAM must have in-depth market knowledge and understanding of the hazardous waste industry.

Position Responsibilities

- Sales and marketing responsibility for all commercial activity within assigned region, to increase the total number of customers and revenue per existing customer.
- Sales and marketing activity to include direct and channel selling, telemarketing, lead generation, participation in trade organizations, cold calling and other techniques to obtain and maintain business.
- Revenue responsibilities include attainment of quota, launch of new products/services.
- Development of integrated sales strategy and planning, to include the execution and participation in research, advertising, literature and content development.
- New business responsibilities include the development and execution of market entry planning and new product/service introduction.

## DISTRICT ACCOUNT MANAGER (Continued)

- Identify and establish relationships within critical market segments.
- Development of target customers by industry, class of trade, and account specific profiling.
- Select representative customers from critical market segments to assist in the development of market specific web page designs.
- Identification of promotional opportunities to provide demonstrations and outline features and benefits of company products/services.
- Leverage existing industry knowledge to establish relationships with senior level executives and key decision makers in target accounts.
- Assist corporate marketing consultants in brand development (promotional vehicles).
- Develop and maintain high visibility with major customers and vendor/alliance partners.
- Communicate crucial market, trade and competitive information.
- Champion the business needs of the marketplace, customer and sales organization to improve business results.
- Other responsibilities as assigned by Management

### Performance Measures

1. Ability to achieve and exceed specified sales goals.
2. Ability to establish and cultivate matrix sales relationships at all levels of customer organizations (Executive, Key Decision Maker, Support-Influencer)
3. Ability to communicate and develop working relationships among all disciplines and across all levels of company.
4. Ability to handle multiple activities and set priorities for assigned responsibilities that impacts the business regionally and nationally.
5. Ability to manage strategic projects as assigned by manager, customer, and company.
6. Ability to identify, secure, utilize and gain return for appropriate resources deployed.
7. Ability to communicate and instill company culture throughout the organization.
8. The willingness to respect and value customer and GEM employee diverse cultures
9. Presenting a professional and courteous attitude on a daily basis

Anyone interested should contact:

Gene Batti, Northern California Sales Manager

Eugene.batti@go-gem.com or (Cell) 408-203-6079

\*\*\*\*\*



## Environmental Health and Safety (EH&S) Engineer

### DESCRIPTION

dpix, LLC is a fast growing high technology manufacturer of advanced sensor array products for the medical, security and NDT global markets. We have provided high-resolution imaging solutions to some of the world's most demanding medical, industrial and military markets which are on the cutting edge of digital imaging. Our unique amorphous silicon technology transcends the limits of conventional imaging.

In this position, you will develop, implement, and monitor company environmental, occupational health, and safety programs and policies to ensure regulatory compliance and conformance with industry best practices. In addition, you will be a steward of our ISO 14001-compliant Environmental Management System. This includes analysis of environmental regulations, work with regulators, preparation of environmental plans and reports for submission to regulatory agencies, and promotion of pollution-prevention programs.

You will develop and implement programs which improve facility safety and maintain compliance with applicable regulatory requirements. You will be a core member of our Emergency Response Team (ERT), supporting a 24/7 cleanroom manufacturing operation. You will develop and maintain procedures to avoid injury and property loss during an emergency incident; and you will participate in training the ERT in these procedures.

You will protect the health of employees through recognition, evaluation, and control of health hazards. This includes measuring levels of airborne contaminants and recommending exposure control methods.

You will be involved in hands-on activities which include participation in a 24/7 rotation for operation of two outdoor wastewater treatment systems, hazardous materials and hazardous waste handling, equipment decontamination, and emergency equipment and walkaround inspections.

### EDUCATION/EXPERIENCE

Requires a Bachelor's degree in environmental science or related field, and 5+ years of related experience. Your background must include experience in Environmental and/or Safety Program Management, as well as experience working with regulatory agencies. Experience on a hazmat and/or medical emergency response team desired.

40-hour HAZWOPER certification or First Aid/CPR certification is a plus.

You must possess excellent communication skills, both verbal and written.

Microsoft office experience.

Must be able to work independently, with minimal supervision.

The physical requirements of the position include: the ability to climb up ladders to work on raised platforms, the ability to push/pull heavy loads using an electric pallet jack, and the ability to lift 35 pounds unassisted.

Please send your resumes to: [jobs@dpix.com](mailto:jobs@dpix.com), or fax your resume to 650-842-9741.

You may mail your resume to:

dpix, LLC

3406 Hillview Avenue

Palo Alto, CA 94304

Attn: Human Resources

dpix, LLC is an equal opportunity employer.

# BAESG MEMBERSHIP APPLICATION

for both new and renewing members

Annual membership dues are \$25.00. (\$12.50 for full-time students and retired EH&S professionals).  
Make your check payable to BAESG and return with this application to:

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

**Personal Information and Company Address (to be listed 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): \_\_\_\_\_

Address: \_\_\_\_\_

City, State, and ZIP CODE: \_\_\_\_\_

Daytime Phone (with area code): \_\_\_\_\_ FAX: \_\_\_\_\_

Email address: \_\_\_\_\_

Sponsor: \_\_\_\_\_

Monthly newsletters will be sent to the above email address.

**Areas of Interest:**

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.

TOPIC: \_\_\_\_\_

PRESENTING? Yes \_\_\_ No \_\_\_

Please check here if you would like to be placed on the Jobs eMail Distribution List to receive Updates of job listings between the monthly publication of the newsletter.

Email address to which listings should be sent: \_\_\_\_\_



**Bay Area  
Environmental  
Safety  
Group**

**P. O. Box 60363**

**E-mail the Editor at:  
baesg.jobs@gmail.com**

**www.baesg.org**

**MEMBERSHIP**

**The Membership application is  
on the previous page. To Join  
BAESG. Please fill it out and  
send with a check for \$25 to:**

**Membership Director**

**Bay Area Environmental Safety  
Group**

**P. O. Box 60363**

**Sunnyvale, CA 94088-0363**



## Advertise in the Membership Directory

If you have a business related to Environmental, Health and Safety, then advertising with BAESG is for you!

Your ad, placed in the BAESG Membership Directory, will be seen by EH&S decision makers at companies throughout the San Francisco Bay Area.

One low price places your ad in the Directory

and on our website.  
<http://www.BAESG.org>

The ad should be provided in MS Word format and accompanied with .gif or .jpg files for any graphics. Please view present ads (on our webpage) for an idea of website format.

You (or your business) must be a member of BAESG. See the page at the left for an applica-

tion.

Artwork and payment to be submitted to BAESG, PO Box 60363, Sunnyvale, CA 94088-0363

Contact our Membership Director with any questions you may have.

Advertisements will also appear in Newsletters this year!