



# Safety Insider

November 2007

Volume 17, Issue 11

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### **November Meeting Announcement:**

#### **Solar Power and Your Company**

*Michael Leyba and Matt Porter  
Solar City*

Does solar electric make sense for my business? How expensive is it? Is it true someone will put solar on my building for free? How large will the system need to be? How long does a system last?

These are common solar related questions. Representing SolarCity, Michael Leyba and Matt Porter will discuss the benefits of solar electricity for medium and large commercial applications. Discussions including financial and environmental benefits will be covered in detail. As part of the financial discussion, state and federal financial incentives will also be discussed.

As part of the technical discussion, components that comprise a grid tied solar system will be covered. Installation processes, techniques, safety and code compliance will be discussed.

Michael Leyba serves as the Director of Sales for Northern California. In this capacity, Michael oversees both commercial and residential sales and is heavily involved in the company's innovative corporate and community programs. Prior to joining SolarCity, Michael spent two years at SPG Solar, where he served as Sales Manager and an energy consultant. Michael received his MBA from UC Berkeley's and received his Bachelor of Arts in Economics and Accounting from Claremont McKenna College. Matt Porter, Solar Technical Consultant received his B.A. in Environmental Studies with a focus on Sustainable Building Practices from UC Santa Cruz. Prior to working at SolarCity, Matt worked for in the green construction and residential energy efficiency fields for 6 years. He now works with the commercial sales team to design small, medium, and large commercial photovoltaic systems.

### **Meeting Time and Location:**

**Wednesday November 21<sup>st</sup>, 11:30 am – 1:00 pm**

Meetings are held at Arthur's Restaurant, 2875 Lakeview Dr, Santa Clara. From US 101 take the Bowers Ave /Great America Parkway Exit and head south on Bowers. Turn right on Augustine Dr. (approx. one block from freeway) and then take another right on Lakeview Dr.

Registration begins at 11:30 and the Presentation will run from noon to 1:00 pm, with an opportunity for networking in between.

Lunch is a Buffet featuring a variety of choices, including vegetarian options.

Cost is \$20.00 for members with reservation and \$25 for non-members. Walk-ins are charged a \$5.00 handling charge.

Make your reservation now via email to: [baesgresv@comcast.net](mailto:baesgresv@comcast.net)

# Monthly Musings

*Newsletter Editor, Rebecca Anderson*

**Happy Early Thanksgiving to you all!** I don't know about you- but for me, the busy nature of this season is already arrived. I have been so busy lately, I didn't even take time out to notice we had a notable earthquake in the area!

A friend of mine took time out to notice however, and sent me a great link to disaster planning. Many of you have probably visited this site- if you have it can still serve as a good reminder for earthquake and disaster safety. Check it out!

<http://www.72hours.org/index.html>

And after that, take time to smell the pumpkin pie. ;)

## News and Updates

### Information on Dust Exposure from Concrete & Masonry Operations

To Interested Parties for Control of Employee Dust Exposure from Concrete and Masonry Operations:

The Cal/OSHA Standards Board has released the public notice, proposal, and initial statement of reasons for a regulation addressing control of employee exposures to dust from concrete and masonry operations. Some of you may have already received this notice from the Board.

The regulation will be heard for public comment at the Board's December 13, 2007 meeting in Sacramento as detailed in the notice at the weblinks below. Within both versions of the notice is a link to the website where the full text of the proposal and the initial statement of reasons can be accessed.

[http://www.dir.ca.gov/oshsb/Notice\\_Dec07.doc](http://www.dir.ca.gov/oshsb/Notice_Dec07.doc)

[http://www.dir.ca.gov/oshsb/Notice\\_Dec07.pdf](http://www.dir.ca.gov/oshsb/Notice_Dec07.pdf)

If you have any questions about this regulatory notice please do not hesitate to contact me.

Sincerely,  
Bob Barish  
Senior Industrial Hygienist  
Cal/OSHA Research & Standards Unit  
P.O. Box 420603  
San Francisco, CA 94142-0603  
(510) 286-7001  
FAX 286-7037

### Welsh Finally Appointed DOSH Chief

Cal-OSHA News-Flash!

The governor's office has taken the "Acting" off the title for Len Welsh at California's Division of Occupational Safety and Health (DOSH). Welsh, a longtime DOSH official who was named acting chief in 2003 after the departure of Dr. John Howard, was officially appointed chief Oct. 12 by the Schwarzenegger administration. The \$125,004-per-year position still requires Senate confirmation.

Welsh has spent much of his career at DOSH. He started at the Division in 1980 as a graduate-student assistant, performing policy analysis, but from 1981 to 1986 worked at the Kazan and McClain law firm in Oakland. He rejoined DOSH in 1986 as a legal counsel. When then-Gov. George Deukmejian defunded Cal/OSHA in 1987 (known as "disengagement"), Welsh went into private practice, but actively worked for restoration of the program.

After voters restored funding for Cal/OSHA, he rejoined DOSH as staff counsel and was promoted to special counsel in 1994 and Deputy Chief for Health and Engineering Services in 1999. He later served as Special Counsel for Regulatory Development until his appointment as Acting Chief in 2003.

He holds a bachelor's degree in sociology and Spanish from Rutgers University, a master of science in environmental health sciences from UC-Berkeley's School of Public Health and a juris doctor degree from UC's Hastings College of the Law. He resides in Kensington.

### Honeywell Issues Gas Valve Recall Due to Burn Risk

Consumer Product Safety Commission

October 3, 2007

The U.S. Consumer Product Safety Commission, in cooperation with the firm named below, announced a voluntary recall of the following consumer product. Consumers should stop using recalled products immediately unless otherwise instructed.

Name of Product: Gas Valves Used in Decorative Fireplaces and Stoves.

Units: About 4,000.

Manufacturer: Honeywell International Inc., of Morristown, NJ.

Hazard: The activation knob on the valve can be left in a position between OFF and PILOT, which can cause the pilot gas to leak and accumulate prior to burner ignition. This can pose the risk of thermal burns to consumers when they light the pilot of the fireplace or stove.

Incidents/Injuries: Honeywell has received one report of gas accumulating and combusting when the consumer lit the fireplace, resulting in a minor injury when the hair on the back of the consumer's hand was singed.

Description and Models: This recall involves gas valves used in liquid-propane-fueled decorative fireplaces and Franklin-type stoves. These stoves and fireplaces have direct pressure relief vents via a spring-loaded door. Fireplaces and stoves with a side or rear vent are not included in this recall. The recalled valves were installed in these fireplaces and stoves.

Sold at: Honeywell sold the gas valves exclusively to original equipment manufacturers for use in fireplaces and stoves from April 2004 through August 2007. Those manufacturers sold fireplaces and stoves at retailers nationwide.

Manufactured in: Mexico

Remedy: Consumers should stop using the product immediately and contact Honeywell for information on how to receive a free inspection and replacement valve.

Honeywell's Recall Hotline: 800-939-4836; CPSC Recall Hotline: 800-638-2772.

## Heat-Related Health Risk

SOURCE: American Journal of Public Health, September 2007.

Story by Anne Harding

NEW YORK - The number of heat-related deaths in and around New York City will nearly double by 2050 - and could rise as high as 95 percent -- due to global warming, if no efforts are made to reduce greenhouse gas emissions, a new study shows.

"All kinds of households in the region might want to think about what global warming and greenhouse gas emissions might mean for their quality of life in the not-too-distant future," Dr. Kim Knowlton of Columbia University in New York City, the study's lead author, told Reuters Health.

By taking steps now to cut emissions, New Yorkers could prevent 300 of these expected deaths annually, Knowlton says. "We can save lives by taking progressive action now to regulate greenhouse gas emissions. That's the good news."

Knowlton and her colleagues used a computer model to estimate temperature increases in New York City and its environs by 2050 based on two scenarios, one representing rapid population growth and lack of "aggressive" greenhouse regulation, the other based on slower growth and "increased concerns about environmental sustainability."

By 2050, heat-related deaths would increase by 95 percent a year based on the worst-case, high-emissions scenario, a figure reduced to 68 percent when the researchers accounted for acclimatization to the heat with increased air conditioning, heat alerts and other adaptations. Under the lower emissions projection, deaths would increase by 71 percent, or 47 percent with acclimatization.

Knowlton and her colleagues found a dramatic variation in expected mortality increases across the region, ranging from 38 percent to 208 percent. The smallest increases would be seen in the more urban parts of the region, such as within the city itself and in the New Jersey suburbs to the west, which are already relatively warm and will experience smaller temperature increases.

But deaths could skyrocket in the suburban and rural New York and Connecticut counties north of the city, which are currently relatively cool.

"The urban areas, the suburbs, and the countryside are all going to be affected by these hotter temperatures," Knowlton said. No matter where they live, she added, poor people will likely have a tougher time coping with rising temperatures, given that many may not have air conditioning, or may be reluctant to use it due to electrical costs.

According to Knowlton, the best and fairest approach to reducing excess heat deaths due to global warming will be to introduce strong regulation of greenhouse gas emissions as soon as possible. "That kind of regulation is going to afford us the strongest prevention in an equitable way."

## EPA Staff Calls for More Protective Airborne Lead Standard

Environmental Protection Online Magazine Current News

A key document in EPA's review of national air quality standards for lead recommends the agency strengthen the current lead standards to better protect children.

The "Final Staff Paper," released on Nov. 1, does not change current air quality standards. It does, however, contain EPA staff recommendations for the administrator to consider in upcoming decisions about revising the national air quality standards for lead.

The Clean Air Act requires EPA to periodically review air quality standards to ensure they provide adequate health and environmental protection and to update those standards if necessary. The staff based the final paper on a review of current science about lead and health, as well as on analyses of risks at current levels of lead in the air. It recommends that EPA lower the lead standards from the current level of 1.5 micrograms per cubic meter (ug/m<sup>3</sup>), setting a revised standard within a range that extends as high as 0.2 ug/m<sup>3</sup> and as low as 0.05 ug/m<sup>3</sup>. The paper also recommends EPA not consider revoking the lead standard, or removing lead from the list of criteria pollutants.

Average lead concentrations in the air have dropped 96 percent since 1980, primarily as a result of the ban on lead in motor vehicle gasoline, officials said. Any changes to the lead air quality standard would not affect that ban.

In addition to the changes to improve public health protection, the document recommends that the administrator consider revising the existing secondary lead standard to be equal to a revised primary standard.

The assessments, conclusions and recommendations included are staff judgments and do not represent agency decisions on the lead standards. By the end of November, EPA will issue an advance notice of proposed rulemaking outlining policy options the agency is considering, and seeking public comment.

EPA is required by a consent decree to issue a proposal regarding the lead standards by May 1, 2008, and to issue a final rule by Sept. 1, 2008. The agency is planning to issue the proposal in March 2008.

The final staff paper and a related fact sheet can be accessed at [www.epa.gov/ttn/naaqs/standards/pb/s\\_pb\\_cr\\_sp.html](http://www.epa.gov/ttn/naaqs/standards/pb/s_pb_cr_sp.html).

## Report Finds North America's Big Industries Emitting Fewer Toxins

Environmental Protection Online Magazine Current News

A continued decline in releases of toxic chemicals to the environment -- 15 percent for the United States and Canada from 1998 to 2004 -- is being driven by a group of industrial facilities that are the largest generators of emissions, according to a report released on Oct. 18 by a North American Free Trade Agreement (NAFTA) commission.

The Commission for Environmental Cooperation's (CEC) report, however, also finds that the leading role of the largest waste-producing facilities stands in stark contrast to a substantial increase in chemical releases and transfers by a much larger group of industrial facilities that report lower volumes of emissions.

The annual report compares industrial pollution from a matched set of facilities in Canada and the United States -- three million tonnes of chemicals released or transferred in the two countries in 2004 (a tonne is a measurement of mass equal to 1,000 kilograms). Over one-third of that amount was released at the location of reporting facilities, including more than 700,000 tonnes released to the air, with another third transferred to recycling. For the first time, the CEC report also provides data from Mexico. Across the three countries, metals and their compounds -- lead, chromium, nickel and mercury -- were reported by the highest proportion of facilities.

"The evidence is clear that industry and government action to limit chemical releases is showing steady progress," said Adrián Vázquez-Gálvez, CEC's executive director. "It is equally clear that a large number of small- and medium-size industrial facilities need to do a better job in reducing their waste and emissions if we are going to see even greater progress in North America. We trust the progress shown by industry leaders and the fact that pollution prevention is a proven strategy will encourage everyone to tackle pollution issues at the source."

The CEC's analysis demonstrates that facilities from Canada and the United States that reported pollution prevention activities -- product and process redesign, spill and leak detection, and substituting raw materials -- showed reductions from 2002 to 2004. Facilities not engaged in these activities did not show similar progress.

A new chapter provides a detailed look at industrial recycling, finding that more than one-third of U.S. and Canadian releases and transfers reported in 2004 -- more than 1 million tonnes -- were recycled. Recycling has increased in recent years due to increases in production and in scrap metal prices. Most of the materials were metals, including copper, zinc, lead and their compounds.

The trilateral analysis is based on matched data from nine industrial sectors, 56 chemicals and 10,000 facilities, comparing releases and transfers for similar facilities in Canada, Mexico and the United States. The report identifies a different pattern of releases and transfers in each of the three countries.

Comparisons of the three countries' industrial emissions will continue to improve as the CEC works with governments, industry and NGOs to expand the number of chemicals and facilities that are comparable.

"Taking Stock" compiles data from Canada's National Pollutant Release Inventory, the United States' Toxics Release Inventory, and, starting with its first year of mandatory reporting in 2004, Mexico's pollutant release and transfer register, the Registro de Emisiones y Transferencia de Contaminantes.

For more information, visit <http://www.cec.org/takingstock>.

[Click here](#) for additional news on Environmental Protection magazine's Web site, posted daily.

Also search the Web site's [archives](#) for additional articles related to NAFTA, including: "[Report Finds Rising Number Of Childhood Asthma Cases.](#)"

## Safety, Health Experts Say Most Dangers are Off the Job

October 16 2007

Occupational Health & Safety

Today, Americans are so much safer at work than off the job. That was the overriding message at this morning's Safe Communities Keynote presented in Chicago at the National Safety Council's 95th annual Congress & Expo. The session, delivered by a trio of experts representing the United States, Canada, and Sweden, focused on providing a blueprint for tackling off-the-job safety efforts, which is one of the main themes of this year's Congress in light of yesterday's designation of NSC as the leader of the World Health Organization's "Safe Communities" United States initiative. As part of a national effort to reverse escalating injury trends through community and grassroots safety efforts, NSC's Safe Communities support center is now in operation as "Safe Communities America," and a Web site has been launched. NSC called the initiative "on the brink of going into a whole new world."

Representing the CDC, Dr. Ileana Arias, director of the National Center for Injury Prevention and Control, said that as the world continues to grow "smaller," with fewer boundaries existing between populations, it is incumbent on everyone to make sure people in communities are not vulnerable to health threats. "Our national and local officials demand it of us, and the public rightly demands it of us." But meanwhile, she noted, an estimated 30 million Americans experience a medically treated injury every year, and hospital emergency departments treat an average 55 people for injuries every minute. "Medical expenditures for injuries are approximately \$117 billion annually," she said, "about 10 percent of medical spending in the United States."

Arias said the "bedrock" of the CDC's involvement in the Safer Communities movement is the home. "We start each day in our homes, and we end each day in our homes, so a lot of the investments [CDC has] made toward the communities have been directed toward the home." Toward that end, the agency has conducted research and implemented education on preventing residential fires. "Someone dies in a fire about every two hours, and someone is injured every 29 minutes," Arias said. "Four out of five U.S. fire deaths in 2005 occurred in homes." Smoking, she noted, is the leading cause of fire-related deaths, and cooking is the primary cause of residential fires in general. CDC-funded research on smoke-alarm installation programs coupled with fire safety education has proven effective and are continuing, Arias said.

Among older adults, falls are the most common cause of nonfatal injuries and hospital admissions for trauma, Arias said. In 2003, nearly 14,000 people ages 65 and older died from fall-related injuries. "We know that these are preventable," she said, noting that CDC-backed programs aimed at this prevention include projects to ensure homes are safely equipped with grab bars in bathrooms, no loose rugs, and having reduced clutter in general. Maintaining exercise programs, regular vision exams, and having health care providers review medications regularly to decrease dizziness are also among the measures CDC advocates. In November, CDC is launching a partnership with Meals on Wheels, one of many partnerships Arias said the agency sees as essential. "Without partnerships, you can't get the information out to everyone who needs it," she said.

Paul Kells, M.S.M., founder and president of the Safe Communities Foundation in Canada, agreed. He said he began his foundation 12 years ago following the death of his teenage son in an explosion that occurred on the third day of his part-time job. "We're your neighbors, we're your friends," he said, referring to Canada and the United States. "We do some things differently, but our common cause is that we don't want injury or death to happen to anyone. We would do anything to prevent that. We swim in the same seas, and we'll get there faster by swimming together. It takes time, patience, and perseverance, and that's what safe communities is about."

Kells said that one of the areas Canada and the United States share unfortunate kinship in is the two nations general failure to educate youths on understanding risk management in their lives. "The youths absolutely don't get exposure to occupational safety and health in their education," he said.

However, he added, the Safer Communities program is slowly, steadily making a difference. He said 23 percent of Canada's population now lives in a safe community, and when Toronto and Winnipeg join the movement "in the next two years," that percentage will be roughly doubled. With the program, "you will absolutely reduce injuries," he said. "I wouldn't be involved with this if that wasn't true. But it's clear, consistent, and proven—it works. . . . It's about people and passion, not just numbers. People get moved by other people, not the numbers."

Diana Ekman, M.P.H., Ph.D., of the WHO Safe Communities Collaboration Centre at the Stockholm, Sweden-based Karolinska Institutet, examined a few of the 120-plus safe communities now in existence worldwide, from Iran to Hong Kong. Dallas's program incorporated a child safety seat campaign; Brampton, Canada's program grew out of the need for a neighborhood watch program. "The programs that have sustainability, long-term leadership, involvement from business leaders are the ones having the greatest effect," Ekman said.

## POTWs: Big Trouble with Nanowaste

By Angela Neville, JD, REM



Publicly owned treatment works (POTWs) use an amazing arsenal of equipment to prevent large troublemakers, such as animal carcasses and tree limbs, from entering their wastewater treatment processes. However, they don't yet have the necessary technology to keep out nanoparticles, which some worry could have a much worse impact on the quality of the water these plants treat.

Just as it is hard to understand how big the potential problems with nanotechnology could be, it's also difficult to fully comprehend how small "nano" really is. Defined as one billionth of a meter, a nanometer is one-hundredthousandth the width of a human hair. Much of the concern is based on how compounds change when they are nano size. For example, at the nano level, some compounds shift from inert to active, from electrical insulators to conductors, from fragile to tough. They can become stronger, lighter, or more resilient. These transformed properties are what account for the infinite variety of applications of nanoparticles, which are defined as anything less than about 100 nanometers in diameter.

The concern is that nanomaterials could affect water and air quality in areas where these compounds are dispersed. At this time, very little is known about nanotoxicology, which might be quite different from the toxicology of the same materials at normal scale. For example, Vicki Colvin, a chemist at Rice University, said recently that the usual way to assess toxicity, by measuring a toxin's mass, won't work at the nano level. Nanomaterials have a much higher surface-to-mass ratio, and while this makes them good for such purposes as water filtering, it just as well could cause them to interact with human body cells that their extremely small size allows them to infiltrate.

A newly released report, "Where Does the Nano Go? End-of-Life Regulation of Nanotechnologies (<http://www.nanotechproject.org/>)" focuses on how little information there is on the environmental fate and effects of nanomaterial-containing wastes. The report was written by environmental law experts Linda Breggin and John Pendergrass of the Environmental Law Institute and was commissioned by the Project on Emerging Nanotechnologies, an initiative of the Woodrow Wilson International Center for Scholars and The Pew Charitable Trusts. "POTWs are on the front lines, and they're not getting enough information," said Pendergrass on July 26 at a briefing when the report was officially released.

Liquid waste disposed of in waters treated by POTWs is exempt from regulation under the Resource Conservation and Recovery Act (RCRA), according to Pendergrass. The rationale is that regulations issued under the Clean Water Act would address those wastes.

Pendergrass commented that some private manufacturers of nanotechnology products, especially small start-up companies, may be pouring some liquid wastes containing nanomaterials into the public sewage system without the knowledge of the impacted POTWs.

The U.S. Environmental Protection Agency has already begun taking action related to the manufacture of nanotechnology. In November 2006, the agency stated it would regulate nanoscale silver used in washing machines to kill bacteria. EPA's action was prompted by POTW managers and operators who worried the nanosilver could be released into wastewater by washing machines that contain this nanomaterial.

Under RCRA regulations, a waste generator is required to share with the firm that treats its waste any information it has that will help the waste handler manage it safely, Pendergrass said.

In contrast to actions mandated under RCRA, according to Pendergrass, a company or research institute that is releasing liquid waste with nanomaterials in it is not required to provide POTWs with information to ensure they are working safely with those wastes.

Just as the debate about the possible dark side of nanotechnology has rapidly heated up, so has the commercial success of this new technology. More than \$30 billion in products incorporating nanotechnology were sold globally in 2005. By 2014, Lux Research estimates this figure will grow to \$2.6 trillion.

Nowadays, with hundreds of nanotechnology products already on the market, one of the questions in greatest need of attention is how various forms of nanomaterials will be disposed of and treated at the end of their use. They may end up in our POTWs, landfills, or incinerators, and, consequently, in our water, soil, or air. Responding to such growing concerns about nanotechnology, EPA has launched its Nanoscale Materials Stewardship Program (<http://www.epa.gov/opt/nano/>). We still have much to learn about the potential risks to human health and the environment posed by nanotechnology and its byproducts. So important is this issue that the ultimate success or failure of this exciting new technology may possibly depend on how fully these issues are addressed. Only when these concerns are resolved can our society in good conscience promote the development of nanotechnology in an environmentally sustainable manner.

Angela Neville, JD, REM, editorial director of Environmental Protection, has been a licensed Texas lawyer since 1980 and a registered environmental manager through the National Registry of Environmental Professionals since 1995. She can be contacted at [aneville@1105media.com](mailto:aneville@1105media.com).

## Upcoming Events

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

### American Industrial Hygiene Association

Local Chapter Dinner Meeting, Nov 13<sup>th</sup>. "Vapor Intrusion: Environmental and IAQ Challenge" Location: The Van's in Belmont; visit <http://www.aiha-ncs.org/> for more details

Save the Date: CIHC Conference in San Francisco December 3-5. <http://www.aiha-ncs.org/cde.cfm?event=174791>

### Bay Area Rebrac

All courses at Mission College in Santa Clara; for more information visit:

<http://www.rebrac.org/calendar/showcal.cfm?CFID=1281111&CFTOKEN=20578506>

### UC Santa Cruz Extension

All courses will be held in Cupertino, California; for more detailed information visit: <http://www.ucsc-extension.edu>

### CPA 2007 East (Contingency Planning)

Nov 13-15 Gaylord Palms Resort, Orlando, Florida

<http://www.contingencyplanning.com/events/East/index.aspx>

### Nanotechnology and Occupational Health and Safety

#### The National Science Foundation's Center for Nanotechnology in Society

November 15-17<sup>th</sup>

Santa Barbara, CA

<http://www.cns.ucsb.edu/nanoconference>

### National Ergonomics Conference & Exposition

November 27-30<sup>th</sup>

Las Vegas, Nevada

<http://www.ergoexpo.com>

# Job and Career Opportunities

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\*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. \*

Want to receive Job updates in your inbox? Email the BAESG [Jobs Coordinator](#) and join the distribution list!

Want to see your job posting here and sent to the Jobs distribution list? Email the BAESG [Jobs Coordinator](#)

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## **Transportation Manager HCI Environmental & Engineering Service Corona, CA**

HCI Environmental & Engineering Service, located in Corona, CA, is an environmental management and general contracting company specializing in hazardous waste transportation and environmental construction projects, disposal, 24/7 emergency chemical spill response and environmental construction. HCI is looking for a qualified and experienced Transportation Manager. Responsibilities will include :

Daily scheduling of hazardous waste projects with Project Managers and coordination of projects with Construction Manager.

Ensure activities adhere to all applicable local, state, and federal hazmat and DOT policies and regulations. Assist in developing and improving operational and administrative procedures which maximize the utilization of organizational resources and provide for high quality service to HCI's customer base.

Please fax resume to 951.280.0118.

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## **NRC Environmental Service Emergency Response / Operations Manager Chico, California**

### Duties & Responsibilities

- Direct emergency response work and the scheduling / assignment of personnel for ERs.
- Oversight, Tracking, Staffing and Preparation of an "On-Call List".
- Oversight / review of all Emergency Response billing / documentation.
- Oversight, maintenance, and direct responsibility of Emergency.
- Response supplies and equipment.
- Working with dispatch to determine immediate availability of personnel on any given day (24/7).
- Understanding scheduled job manning requirements to determine "pull" availability for ER events as they occur.
- Re-staffing a "spill" as it transcends into a project and getting the various specialty type personnel on site to complete i.e. excavation, transportation etc.
- Demonstrate proficiency at a wide variety of assignments and direct personnel in operational procedures to complete assignment.
- Maintains up-to-date confined space supervisor and emergency response supervisor certifications.
- 7-10 Years experience in Emergency Response / Environmental clean-up operations.
- Ensures/enforces OSHA, EPA, and Health and Safety standards/regulations compliance.
- Maintain customer relations to ensure satisfaction and resolve pending complaints/issues.

For more information on the above positions located at our new Chico, CA location, please contact NoCal Area Manager, Bob Ireland at (510) 385-3253.

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## **NRC Environmental Service Resources & Logistics Supervisor Chico, California**

### Duties & Responsibilities

- Coordinate and perform job load-outs with project manager direction.
- Establish and maintain organization of warehouse, yard, equipment, and other storage spaces.



- Inventory and track supplies / consumables, spares, and equipment.
- Ensure proper housekeeping in yard, warehouse, and vehicles / equipment.
- Track and dispatch personnel and resources.
- Coordinate and oversee equipment maintenance program, BIT inspections, transportation related issues (vehicle documentation, ins, permits, etc)

5-7 years experience in related industry.

For more information on the above positions located at our new Chico, CA location, please contact NoCal Area Manager, Bob Ireland at (510) 385-3253.

## **Environmental, Health and Safety 1 Engineer Dimatix, Santa Clara Area**

Dimatix is looking for an EHS Engineer in the Santa Clara area. Qualified candidates will have a Bachelor's degree in Industrial Safety, Environmental Engineering, or a related science/engineering field. Experience must include 3 - 5 years in the Environmental, Health, and Safety (EHS) field, with semiconductor manufacturing experience desired. Experience with environmental certifications (i.e. ISO 14001) will be a plus. This Environmental, Health and Safety Engineer will provide EHS expertise and contribute to the compliance effort related to State, and Federal EHS regulations and company policies and Standard Operational Procedures.

Responsibilities include, but are not limited to, the following:

- Monitoring, record keeping, program maintenance and reporting for environmental regulatory requirements in California, including Stormwater, Air quality and Wastewater.
- Incident investigation and OSHA Record keeping
- Chemical inventories, Management of site Hazardous Materials Business Plan and MSDS database
- Hands on Hazardous Waste Management and compliant disposal
- Industrial Hygiene monitoring with the oversight of EHS Manager
- Ergonomics evaluation and corrective action implementation
- Emergency Response planning program implementation
- Review and consult on Operations SOP's – in order to make safety and environmental additions
- Maintaining chemical inventories (MSDS's) and MSDS database
- Aiding with preparation for ISO 14001 certification
- Training development with oversight of EHS Manager, and implementation
- Maintain compliance with Bay Area, California and Federal regulatory requirements in both Environmental and Safety and Health areas.

Required Education and Skills for EHS Engineer Job:

- Bachelors Degree in Safety, Environment or related science
- Hands-on Hazardous Waste Management
- Environmental regulatory program management in California
- Chemical Management experience in California
- California Injury and Illness Prevention Plan development and implementation

Cover letter and resume must be submitted in one pdf. document

Please e-mail your application to [chris.kral@wspgroup.com](mailto:chris.kral@wspgroup.com)  
Subject line should be entitled "Dimatix EHS Engineer Application"

Open for applications: Thursday 11 October  
Recruitment period closed: Thursday 01 November

For further details about Dimatix Fujifilm, please refer to our website:  
<http://www.dimatix.com/constants/locations.asp>

**EH&S Engineer  
Symmetricom, San Jose**

Symmetricom is a worldwide leader in precise time and frequency products and services, providing "Perfect Timing" to customers around the world, including communication service providers, network equipment manufacturers, U.S. Department of Defense (DOD), aerospace contractors, enterprises, governments and research facilities. The company's timing, frequency and synchronization solutions have helped define the world's standards, delivering precision, reliability and efficiency to wireless and wireline networks, instrumentation and testing applications and network time management.

**Responsibilities:**

- Develops, implements, and monitors company environmental safety programs and policies to ensure compliance with federal, state, and local environmental, health, and safety regulations
- Maintains safety equipment inventory, performs periodic safety inspections, monitors hazardous waste removal vendors, and may assist in consolidating hazardous wastes (chemical, radioactive, and/or medical)
- Interacting with a variety of departments, develops and maintains programs involving Site Safety, Environmental Safety, Ergonomics, Hazmat, Hazardous Communication and Chemical Handling
- Conducts safety training and employee orientation per Symmetricom policy
- Monitors environmental compliance and maintains liaison with appropriate regulatory agencies
- Recommends corrective action where environmental health and safety hazards exist. Monitors life safety, and ergonomic compliance-related activities
- Interacts with others in the administration of the worker's compensation program and the implementation of workplace ergonomics and program solutions
- Monitors industrial health compliance
- Maintain and oversee local site Security program, including monitoring, card access and CCTV systems
- Maintain, reconcile and audit security data base, conduct security audits, comply with CTPAT policy

**Essential Qualifications:**

- Requires a minimum of 8 years of related experience
- Thorough knowledge of Hazcom, HazWop programs
- Knowledge of state and local manifest procedures

**Desired Qualifications**

- Exposure to City and /or County officials related to permitting and inspection
- Knowledge of NFPA codes and regulations

To apply for this position, forward your resume and contact information to [jobs@symmetricom.com](mailto:jobs@symmetricom.com) and reference the job number SJ081002 in the subject line of your email.

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**Sr. EH&S Specialist  
Medarex**

Medarex is looking for a Sr. EH&S Specialist to support both their Sunnyvale, CA and Milpitas, CA sites. In this role, the successful candidate will work on multiple projects and take a lead role in the design and implementation of new programs and procedures. They will work with a high degree of independence and will be adept at troubleshooting problems to create an execute internal procedures to ensure compliance. Key functions of this role include, but are not limited to, assisting with project planning within the department and providing input on EH&S issues of program design throughout the organization. The Sr. EH&S Specialist must be able to adapt to new and multiple projects, effectively ensuring alignment with customer needs and expectations, and compliance with all regulatory requirements.

Responsibilities include, but are not limited to:

- Participating in the development and administration of chemical, radiation, biological, laser, LOTO and IIPP safety programs.

- Developing training related to specific EH&S topics for employee education. Also, independently coordinating and delivering employee classroom and hands-on training for specific EH&S programs.

- Maintaining and updating all safety training records.

- Serving as the company Radiation Safety Officer with the State of California.

- Preparing and submitting applications and renewals for regulatory permits and licenses such as Radioactive Materials, HMBP, DEA, CDC, and Industrial Waste Water.

- Ensuring all regulatory permits and licenses for EH&S programs are in place and updates as necessary.

- Conducting periodic inspections to ensure compliance with company policies as well as local, state and federal regulations such as County Hazmat, Cal/OSHA, and EPA.

- Regularly performs internal audits of EH&S programs and provides timely compliance updates to management. Also, preparing accurate and timely documentation following established protocols, of all corrective actions put in place, based on inspection results. Reviewing and assessing corrective actions to ensure adequacy.

- Monitoring and interacting with vendors and contractors for specific programs to ensure quality service.

Participating in the development and implementation of department policies and SOPs.

Assuming a lead role in projects related to inspections and policy implementation, as well as chairing the safety committee.

Independently determines the best and most appropriate methods and procedures on new assignments.

Required Skills/Experience:

BS in industrial hygiene, environmental or related field.

Minimum 5 years industry experience in EH&S.

Ability to recognize hazards, analyze data, and conduct industrial hygiene monitoring.

Knowledge of control methodologies.

Working knowledge in local, state, and federal environmental regulations including those related to hazardous waste, hazardous materials, medical waste, air emissions, and wastewater.

General understanding of global, national, and local environmental issues and systems is required.

Must be able to interpret environmental regulations and have previous experience in the planning, design, and delivery of appropriate training to all levels of technical and non-technical staff.

Ability to interpret guidelines and regulations applicable to Medarex.

Must have excellent oral and written communication skills, and experience in writing detailed technical reports and standards.

Must be team oriented with excellent interpersonal skills.

Self-starter with good organizational skills.

Must be able to handle multiple assignments and meet strict deadlines.

About Medarex:

Medarex is a biopharmaceutical company focused on the discovery, development, and potential commercialization of fully human antibody-based therapeutics to treat life-threatening and debilitating diseases, including cancer, inflammation, autoimmune and infectious diseases. Medarex applies its UltiMAB® technology and product development and clinical manufacturing experience to generate, support and potentially commercialize a broad range of fully human antibody products for itself and its partners. Medarex is committed to building value by developing a diverse pipeline of antibody products to address the world's unmet healthcare needs. To apply to the above position, please visit our website at

[www.medarex.com](http://www.medarex.com)

**BAESG Annual Holiday Party**  
**Wednesday, December 5, 2007**



*BAESG subsidizes this event as a way of thanking our members & the Bay Area EHS Professionals*

**Please join us for dinner, drinks, socializing, and raffle prizes**

- Date:** Wednesday, December 5, 2007
- Time:** 6:00 – 9:00 PM  
Social hour plus starts at 6:00 pm  
Dinner at 7:30pm
- Place:** Arthur's, 2875 Lakeside Drive, Santa Clara  
(2875 Lakeside Drive, Santa Clara- next to Embassy Suites)
- Menu:** Appetizers – Cheese and Vegetable Station  
Two drink tickets included in price  
**Sit Down Dinner** – Further menu information will be sent out soon

**RSVP** by **Friday November 30** by responding to this email

**Be sure to indicate your meal choice or we may be forced to select for you!**

For questions or last minute cancellations call Mark Gordon at 408-321-5969

***We strongly encourage advance RSVP, this will ensure that your meal choice is guaranteed.***



**For a Correct Name Tag and Meal Please Provide:**

**Name:**  
**Company/Affiliation:**  
**Meal Choice:**



**RAFFLE PRIZES FOR THE HOLIDAY PARTY**



**Promote your Company and make someone's Holiday! Donate a raffle prize!!**

BAESG will continue the tradition of having raffle prizes for the Annual Holiday Party. This has always been a favorite – I think some people come just for the raffle prizes!

If you wish to volunteer prizes for the raffle. We would be most grateful and will acknowledge your company in our next newsletter. Please contact **Lana Spencer** by **November 30**. Thanks!  
email: [lanaspenc@aol.com](mailto:lanaspenc@aol.com) Phone: 408-247-7117



**TOYS for TOTS**



The US Marine Corp will join us to collect donations for Toys for Tots.

**Please bring a new unwrapped toy to donate**

***And receive an extra raffle ticket!!***

# 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: \_\_\_\_\_

**Monthly newsletters will be sent to the above email address.**

**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 \_\_\_