

**Bay Area
Environmental
Safety Group**

**Meeting Time
and Location**

Wednesday, May 15, 2011

12:00 – 1:00 PM

Registration starts at 11:30 AM

Hilton Santa Clara

4949 Great America Parkway

Santa Clara, CA

(408) 330 – 0001

For directions go to

www.baesg.org

RSVP at

baesgreservation@aol.com

Safety Insider

June 2011

June Meeting Topic

The Importance of Emergency Action Plans

Emergency planning is an important part of company operations and an important element of every EH&S program. An emergency plan promotes safety awareness and shows the organization's commitment to the safety of its workers. Our Speaker on this topic, Mr. David Ofwono of First Compliance, Inc has of 25 years experience in EH&S. He is a Certified FEMA Instructor, a Department of Homeland Security/Office of Domestic Preparedness Certified Instructor, a Certified Homeland Security Exercise and Evaluation Program (HSEEP) Instructor, and practitioner FEMA Certified Continuity of Operations Program (COOP) Manager and Instructor. David is also a Cal EMA/ California Specialized Training Institute (CSTI) Instructor.

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President's Corner

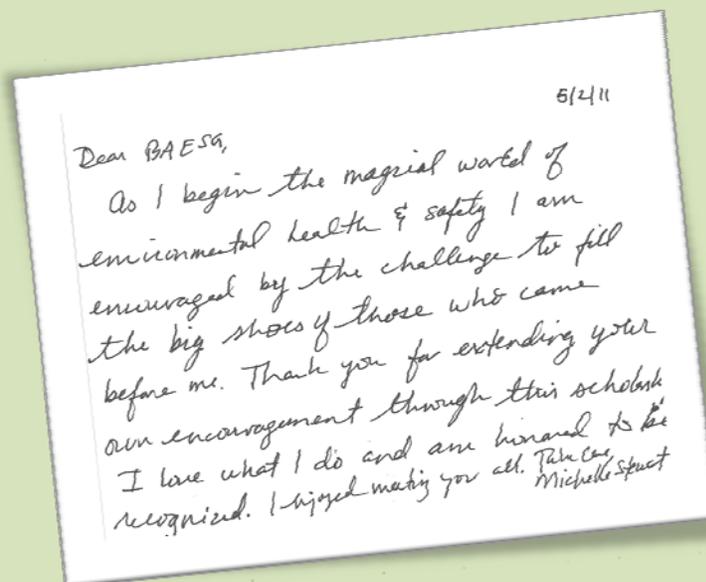
Hope you all had a great and safe Memorial Day Holiday! Hard to believe we are into June already ! We have started using Constant Contact for our e-mail distribution lists. Hope that you are getting the meeting announcements and newsletters. If not, please let Lana know at baesgreservation@aol.com.

The attendance was fantastic for our May meeting on Storm Water Updates by Lana Spencer ! Over 43 people attended. We have worked with the Hilton to ensure that future meetings will be held in larger rooms. Thank you for your patience and understanding at the past meeting.

We plan to have Dave Ofwono, Director at First on Compliance will speak at our Wednesday, June 15th meeting on the importance of Emergency

Notices -

Special Thank You from scholarship recipient



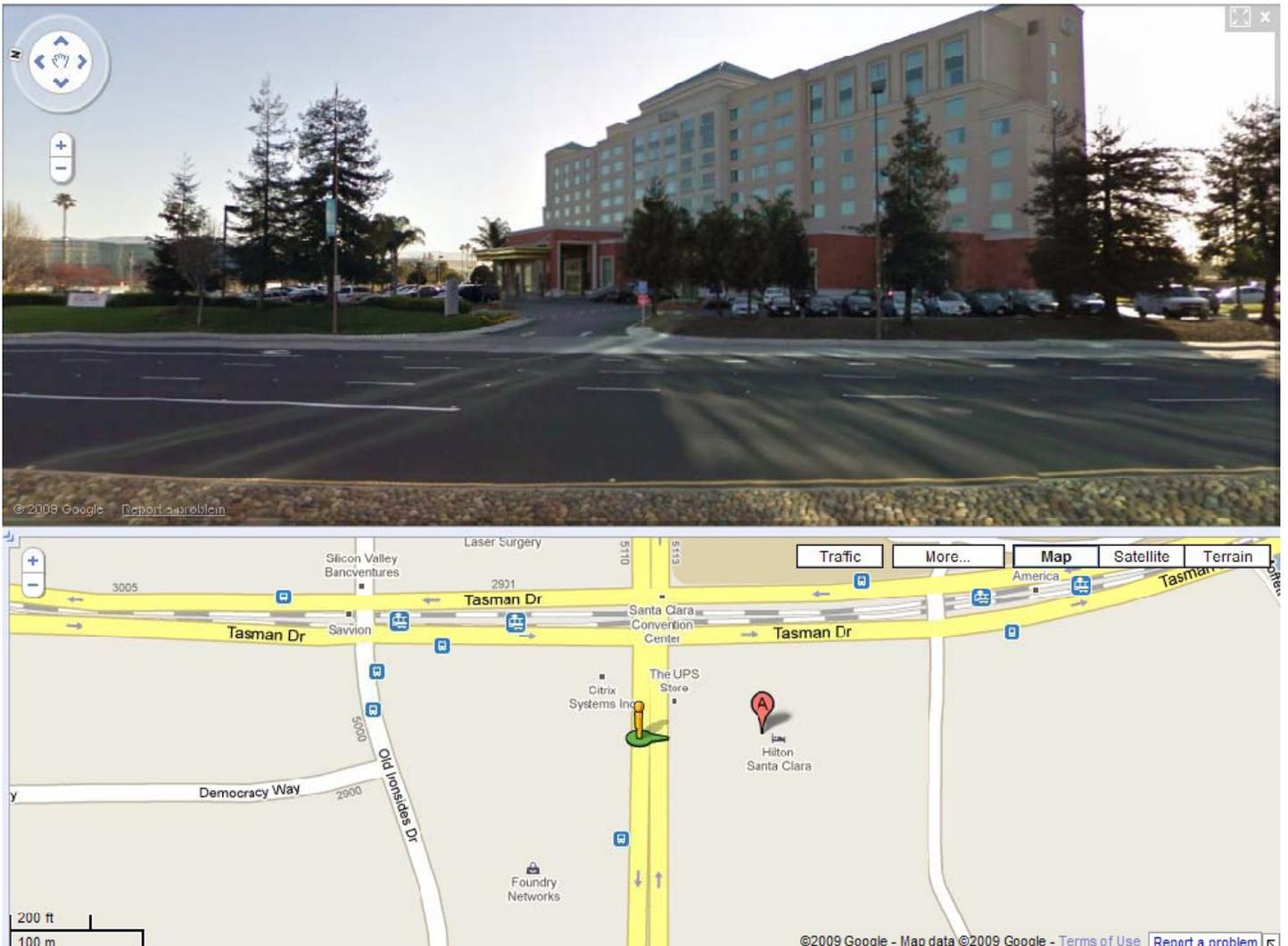
The Board received the above card from Michelle Stewart.

MEETING LOCATION

**HILTON SANTA CLARA HOTEL
4949 GREAT AMERICA PKWY
Santa Clara, CA**

**At the INTERSECTION OF TASMAN
(ACROSS FROM THE SANTA CLARA CONVENTION CENTER)
408.330.0001**

**Lunch will feature a sumptuous Chef's Choice Menu.
Please let Lana know if you have any special
Dietary needs, such as vegetarian.**



Featured Articles

Beating the Heat – Protecting Workers in Hot Environments

By Mark Saner, May 1, 2011, EHSToday

Heat stress is a very dangerous condition that affects many employees, particularly those performing physical activities in hot and humid working conditions, indoors or outside, particularly during the summer months. Heat stress not only is dangerous to workers' health, but it also decreases workers' productivity and the quality of their work. Heat stress can manifest itself in many ways, including heat rashes, heat cramps, heat exhaustion and ultimately, heat stroke. Although heat rashes and heat cramps can be both uncomfortable and affect workers' ability to do their jobs, heat exhaustion and heat stroke are much more serious and require immediate attention.

WARNING SIGNS

Numerous warning signs for heat-related illnesses exist. Recognizing these warning signs allows a worker to take the appropriate steps to get the situation under control. Some of the warning signs are headache, lightheadedness, dizziness, unusual fatigue, irritability, confusion, nausea/vomiting, cramping and diarrhea. These signs manifest due to the body redirecting blood from internal organs and muscles to the skin in an attempt to shed the heat. Plus, the sweating action means a loss of fluids and possible dehydration. At temperatures between 85 and 95 degrees F with humidity levels from 30 percent to 60 percent, heat stress is possible. When temperatures rise above 95 degrees F and humidity above 60 percent, workers are in even greater danger. Some heat-related illnesses include:

- **Heat rash** - Skin irritation caused when sweat cannot freely evaporate from the skin and sweat glands become blocked. Wearing clothes that allow sweat to evaporate and taking breaks to allow skin to dry will help.
- **Heat cramps** - Sweat results in loss of body fluid and salts. Depletion of salt in muscles can cause muscle spasms and cramping. Staying hydrated and replacing salts will help.
- **Heat exhaustion** - The loss of large amounts of fluids (and sometimes salt) causes symptoms like fatigue, headache, dizziness and nausea. Staying well hydrated, replacing salts and taking regular rest breaks will help. Heat exhaustion can be the precursor to heat stroke.
- **Heat stroke** - The body's temperature rises so rapidly and high that the normal cooling mechanisms cease to function and the body is unable to cool down. The victim's skin is hot and usually dry. Immediate medical treatment and first aid is needed. Move the victim to a cool area, remove or wet clothing and vigorously fan the person to increase the cooling effect while waiting for medical personnel to arrive.

HOW THE BODY COOLS ITSELF

The body continually generates heat that must be released in order to maintain the proper core temperature of 98.6 degrees F. The body responds to the increased temperature by circulating more blood to the skin, which allows the body to radiate more heat into the air. If heat loss from increased blood circulation is not adequate, the brain signals the sweat glands in the skin to release sweat onto the skin surface. As the sweat evaporates, it draws the energy to vaporize from the rest of the sweat on the skin, leaving cooler moisture on the skin, which helps reduce the overall core temperature. This is called evaporative cooling. There are four basic mechanisms to cool the body:

- **Radiation** - Almost 65 percent of all body heat is lost through radiation. This occurs when the heat from the skin is absorbed by the surrounding cooler air.
- **Convection** - Approximately 10 percent of body cooling comes from heat transfer due to moving cool air (from a breeze or fan) across the skin to encourage evaporation and heat loss.
- **Conduction** - Approximately 2 percent of body heat is pulled away by direct contact with a cooler object. The heat on the skin is transferred to the cooler object in contact with the skin.
- **Evaporation cooling** - Moisture on the skin's surface (sweat) evaporates, taking heat away and leaving cooler moisture and skin.

Temperatures in many parts of the country can reach well into the 90s and relative humidity can surpass 60 percent. This particularly is common in the summer months. Should the ambient temperature reach or surpass 95 degrees F and

the relative humidity get above 60 percent, the effectiveness of all these cooling mechanisms significantly is hampered. Radiation ceases to function as the air and skin temperatures equalize. Convection stops as the moving air now is hot rather than cool. If there is nothing cool to contact, conduction is not available. And if the air is saturated with moisture, the evaporation of sweat will not happen.

In these extreme heat and humidity conditions, the body no longer can keep up with internal heat levels and the body's core temperature rises. The body's reaction is to pump more blood to the skin, which takes blood and fluids from the brain, muscles and major organs. The heart pumps harder to keep up and the blood thickens due to fluid loss. Now workers not only are vulnerable to heat exhaustion and heat stroke, but also to heart attack.

High temperatures also can impact workers' ability to perform their jobs.

CONTRIBUTING FACTORS

Other factors in addition to the environment can affect the level and the speed at which heat stress conditions occur, including:

- **Activity level** - This likely is the most important factor that determines how much internal body heat is generated. The more active the person, the more heat and sweat is generated. It is important to know that when workers stop to rest, the rate of heat production drops dramatically but the removal of the heat already produced may take quite a while.
- **Age** - Older workers have a decreased maximum possible heart rate, which limits their ability to transfer heat to the skin. They also have a reduced ability to produce sweat: They start sweating later and sweat at a lower rate.
- **BMI** - A heavier layer of fat tissues insulates the core, which increases sweat production and can lead to faster dehydration. Also, heavier workers tend to have a lower skin area-to-weight ratio, which puts them at greater risk. **Hydration** - Not being properly hydrated at the start of working and not consuming enough water and salt while working will accelerate dehydration and lead to heat stress symptoms.

TIPS TO REDUCE THE IMPACT OF HEAT AND HUMIDITY

A number of actions can be taken to help reduce the effect of heat stress. Learn the signs and symptoms of heat stress because being trained to know when heat stress is possible and recognizing the symptoms will provide the opportunity to take action. Also, it is a good idea to work in teams to help monitor each other.

Workers do have some ability to adjust to hot work conditions. Gradual exposure to heat gives the body time to become accustomed to the higher environmental conditions. Both new workers and workers returning from time off need time to adjust to the hot work environment.

Taking regular rest breaks helps allow the body to cool down, and drinking plenty of cool water regularly during work activities can minimize the effects of heat and humidity. Also, taking advantage of a shady spot whenever possible can help reduce the likelihood of heat stress.

Finally, clothing also can impact susceptibility to heat-related illness. Wear lightweight and light-colored garments and fabrics that don't trap heat. Fabrics that promote evaporative cooling by transferring sweat from the skin to the outer surface of the garments for easier and faster evaporation can be beneficial.

Finally, avoid caffeine and alcohol. These beverages promote water loss - thereby increasing the risks of heat-related illness - and should not be consumed before or during work activities.

Each of these actions can help reduce the effects of heat stress, but the two most effective ways of reducing heat stress are taking regular rest breaks and drinking plenty of water, particularly when the thermometer rises above 95 degrees F and at high humidity levels.

WORKERS IN SPECIAL CIRCUMSTANCES

For some workers, particularly those in the oil and gas industries and others, such as electricians or welders, wearing flame-resistant (FR) clothing - regardless of weather conditions - is a "must." Like most other types of work clothing,

FR clothing can inhibit the transfer of body heat from the skin to the surrounding environment. Lighter weight and looser weave fabric can help with this activity. Fabrics also can help by moving sweat off the skin and onto the surface of the fabric where it can evaporate and promote evaporative cooling.

FR clothing's ability to transfer sweat from the skin to the fabric surface and spread the moisture across its surface can vary greatly from fabric to fabric. Although the attire can play some role in reducing heat stress, research and other testing indicate that most FR garments, in high heat and high humidity conditions, play a relatively minor or inconsequential role in causing or reducing heat stress.

As long as workers stay hydrated and take rest breaks - just like all other workers in high temperature and high humidity situations - they should be safe from heat-related illness.

Heat stress is 100 percent avoidable and preventable as long as you take proper precautions and recognize the signs. By understanding how your body controls its temperature, you're better able to recognize the symptoms of heat stress and take action if you or coworkers develop the symptoms.

To minimize the potential for heat-related problems - particularly in hot, humid working conditions - get acclimated, take regular rest breaks, drink plenty of cool water, wear the right clothes for the situation and know the warning signs so you can take the appropriate actions.

Mark Saner, a technical manager for Workrite Uniform Co., has over 30 years of experience in the fire and safety industry. He is a member of ASTM, serving on committees F 18, "Electrical Protective Equipment," and F 23, "Protective Clothing". He is a member of NFPA and serves as a member of NFPA 2112, "Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire," and participates with NFPA 70E and NFPA 1975.

OSHA Moves Forward with National I2P2 Standard Regulatory News & Updates, agc-ca.org, accessed June 14, 2011

The Occupational Safety and Health Administration (OSHA) continues to push forward with its development of a new nationwide Injury and Illness Prevention Program, known as I2P2, which could have a substantial and far reaching impact on how safety and health are handled in the workplace across the U.S. The national program would enable OSHA to be more aggressive in writing citations and enforcing safety regulations.

The federal OSH is pushing the new formal I2P2 standard despite the fact that injuries, illnesses and deaths are actually down nationwide. High profile incidents such as the Gulf oil spill and recent mine disasters have made it a priority for the Obama administration. The standard would require employers in certain industries including construction to have a written injury and illness prevent program.

As is often the case, California has already had a more stringent standard in place regulating injury and illness protection that has been mandated nationally. The California Division of Occupational and Safety (Cal/OSHA) has had in place an Illness, Injury Prevention Program regulation since the state's passage of SB198 in 1991, and California has been one of only a few states with such mandates. (For more on this program, go to <http://www.dir.ca.gov/DOSH/etools/09-031/index.htm>.)

OSHA has been holding a series of public meetings since the middle of 2010 to solicit input on the regulation. A meeting in Sacramento this past August gave California stakeholders an opportunity to be heard on California's standard, and during that meeting approximately 100 people from management, labor, trade associations including AGC and safety professionals as well as the public turned out to weigh in on the issue and largely to advise that any national standard should simply build on California's experience.

In an article featured in the November 2010 issue of the *California Constructor* magazine, Safety & Health Council member Steve Phetteplace advised those employers located solely in California to strengthen their injury, illness

protection program in order to protect them from citations and provide a defense to a citation based on the independent employee action defense.

“For companies that have work sites and offices in states outside of California, adopting California’s guidelines will prepare your company for the federal changes ahead with I2P2. A final I2P2 regulation will not differ radically from California’s gold standard,” Phetteplace noted.

To view the full article, please go to <http://www.agc-ca.org/uploadedFiles/Publications-Products/Constructor-Mag-PDFs/November2010.pdf>.

California Regulatory Appointments Governor Brown Announces Number of Regulatory Appointments Regulatory News & Updates, agc-ca.org, accessed June 14, 2011

Ellen Widess, 63, of Berkeley, has been appointed chief of the Division of Occupational Safety and Health (Cal/OSHA). Widess will take over for Chief Len Welsh, who has run the agency since 2003. She has been self-employed as a consultant in the field of occupational safety and health and immigration policy since 2010. Widess was the senior program officer for the Rosenberg Foundation from 2000 to 2010, a consultant for the Centers for Disease Control on updated child labor standards from 1998 to 1999, executive director of Lead Safe California from 1994 to 1998 and the director of health policy at the Children’s Advocacy Institute from 1991 to 1994. She previously served at Cal/OSHA as the chief of the pesticide program from 1978 to 1984. This position requires Senate confirmation.

Christine Baker, 61, of Berkeley, has been appointed chief deputy director of the Department of Industrial Relations. She has been the executive officer of the Commission on Health and Safety and Workers’ Compensation since 1994. Baker was the acting deputy director at the Division of Workers’ Compensation from 1990 to 1994, the chief of the Division of Labor Statistics and Research from 1984 to 1989, and a research assistant at the University of California, Berkeley from 1980 to 1982.

Art Carter, 69, of San Francisco, has been appointed member and chair of the Occupational Safety and Health Appeals Board, while Ed Lowry, 59, of Sacramento, has been appointed as a new public member of the Board. Both appointments require Senate confirmation.

Carter has served on the board since 2009. Prior to his retirement in 2004, Carter owned and served as the legislative advocate for Art Carter and Associates from 1984 to 2004. In 1983, he was the deputy chief administrative officer for the city of San Francisco and from 1976 to 1983 he worked as the chief of the Division of Occupational Safety and Health Administration for the Department of Industrial Relations. Carter was the secretary-treasurer for the Contra Costa County Central Labor Council from 1967 to 1976.

As the new public member at the Appeals Board, Lowry replaces Vicki Marti, whose appointment, made in the last days of the Schwarzenegger administration, recently was pulled by Gov. Brown. Lowry has been part-time hearing officer for the California Department of Pesticide Regulation since 2009. Lowry was a deputy attorney general for the State of California from 2005 to 2007 and from 1988 to 1995. He was director of the California Department of Toxic Substances Control from 1999 to 2005, the director of the environmental project of the California District Attorneys Association from 1995 to 1999, a deputy city attorney for the city of San Francisco from 1987 to 1988, and a partner at the firm of Gruenich and Lowry from 1985 to 1987. Lowry is also a founder and corporate secretary for 13th Avenue Funding, a non-profit which seeks to create a non-debt alternative for low wealth students to finance their college education.

Upcoming Events

Local Events:

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

Jun 17-25 **Principles of Toxicology**

Jun 20-23 **Trainer Course in OSHA Standards for General Industry (OSHA 501)**

Jun 30-Sep1 **Introduction to Safety Management**

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

Jun 20 **DOT 49 Training Hazardous Materials**

Jun 20 **International Air Transportation Association Dangerous Goods Regulations**

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.

Manager, Health & Safety

NBC Universal Parks & Resort, Universal City, CA

NBCUni is looking for an EHS Manager. The EHS Manager will be responsible for providing client services and support to various departments at Universal Studios Hollywood and CityWalk in pursuit of environmental, health & safety compliance and continued development of a business-wide safety culture.

Essential responsibilities include maintaining written programs and supporting documentation to meet HSF scorecard and/ or Cal Regulatory requirements, establishing a document control system to ensure all supporting program documentation is maintained and available for audit providing direct client support to various Operating and Administrative departments at USH/CW (Entertainment, Food-Retail, Operations, Attractions & Administration), along with a variety of other responsibilities.

Basic qualifications include a BS in a safety, occupational health or industrial hygiene field preferred or equivalent and proven work experience with 5-7 years experience in the Safety and Occupational Health field. To apply for this position visit www.nbcunicareers.com

Hazardous Materials Specialist II

County of Santa Clara

Closing Date/Time: Tue. 06/14/11 11:59 PM Pacific Time

Salary: \$40.86 - \$49.52 Hourly

\$3,269.12 - \$3,961.28 Biweekly

\$7,083.09 - \$8,582.77 Monthly

\$84,997.08 - \$102,993.24 Annually

\$7,812.12 - \$9,469.12 *Effective Monthly

*Effective Wage includes: Base Wage, the County-paid portion of the Public Employees Retirement System (PERS) required employee contribution, as well as any applicable negotiated amount(s).

*New Hires shall be subject to a pre-employment criminal background check.

Job Type: Full-Time Permanent

Location: Throughout the County of Santa Clara, California

Final Filing Date: Tue. 06/14/11 11:59 PM Pacific Time

Description:

Under general supervision, performs complex inspections and investigations in the enforcement of hazardous materials/waste laws and ordinances.

This recruitment requires the submission of an online application. No paper applications will be accepted. Applicants must apply online at www.sccjobs.org. Computers are available at the County Government Center, 70 West Hedding Street, 8th Floor, East Wing, San Jose, CA 95110, during normal business hours, for applicants to apply online.

All applicants are required to complete the supplemental questionnaire. Applications received without the completion of the supplemental questionnaire will be rejected.

Typical Tasks:

- Conducts inspections for compliance with applicable Federal, State and Local hazardous materials/waste laws and regulations;
- Enforces hazardous materials/waste laws, regulations, ordinances and codes (including County Toxic Gas Ordinance) and assists/advises
- Performs construction and alteration plan check reviews for hazardous materials facilities and storage tank systems. Makes necessary contacts with property owners, contractors and consultants and coordinates with County/city departments to determine compliance with State laws and regulations and local codes and ordinances;
- Performs architectural and site approval (ASA) reviews and/or Hazardous Materials Clearance reviews. Reviews information from County's land use committee and various county departments such as planning, building and zoning;
- Reviews documentation and inspects facilities for Cal ARP program;
- Conducts field inspections and reviews documents for compliance with California's Underground Storage Tank (UST) laws and regulations;
- Reviews facility plans and conducts inspections for compliance with applicable laws and ordinances for hazardous materials/waste;
- Reviews documents relating to Local Oversight Program (LOP) on leaking underground storage tank cleanups;

Hazardous Materials Specialist II continued

- Oversees soil, groundwater and waste site remediation projects guiding consultants and contractors who work for responsible parties;
- Oversees hazardous materials facilities and tank systems closures by reviewing closure plans, performing closure inspections and reviewing post closure reports including laboratory analytical and quality assurance data;
- Collects samples and maintains chain of custody of suspected hazardous wastes to determine if there have been unauthorized releases, spills or leaks;
- Monitors spill prevention plans to ensure compliance with applicable
- Maintains inventories of hazardous materials/waste facilities;
- Conducts complex investigations of illegal dumping and unauthorized releases of hazardous materials/waste and major or repeated violations including clandestine drug laboratories;
- Gathers information on prior inspections and investigations using departmental database and files and reviews this information to understand certifications of compliance or resolution of outstanding issues;
- Prepares clear professional reports, memoranda, business correspondence, and other documentation including reports of findings concerning unauthorized releases and clean-ups; Meets, answers inquiries, and prepares informational literature on hazardous materials to provide technical assistance to representatives of industry, government associations and the general public;
- Conducts disclosure inventory inspections;
- Investigates and resolves complaints regarding improper storage, use, handling or disposal of hazardous materials/waste;
- Assists in inter-agency investigations and clean-ups and enforcement efforts to achieve uniformity of procedures and consistency in the interpretation of codes;
- Participates in continuing education as required by Departmental needs or assignments and conducts training on hazardous materials/waste management;
- Reviews new technologies and makes recommendations on the purchase of new equipment and sensitive devices for use;
- Operates specialized equipment to perform tests and analyses; performs routine calibration and minor maintenance of instrumentation;
- Interviews witnesses, assists in the collection of evidence and prepares reports of findings concerning spills and prepares material for use in legal actions;
- Appears in court as an expert witness to provide testimony in cases of criminal complaints and civil suits involving hazardous materials/waste;
- Audits the implementation by local jurisdictions of Unified Program elements as required by law;
- Offers guidance and assists in the training of Hazardous Materials Trainees, Hazardous Materials Specialists II and/or Hazardous Materials Technicians;
- Performs related duties as required.

Employment Standards:

The knowledge and abilities required to perform this function are acquired through the possession of a Bachelor's Degree, preferably in Biology, Chemistry, Environmental Science, Geology or a related Science.

The degree must include a minimum of thirty (30) semester units as required by the State of California for the Certified Unified Program Agency (CUPA) which may include courses such as: Biology, Microbiology, Chemistry, Chemical Engineering, Physics, Physical Science, Environmental Science, Geology or Soil Science, Environmental Health, Environmental or Sanitary Engineering, Toxicology, Industrial Hygiene, Hazardous Materials Management, Fire Science or Fire Technology.

AND

One (1) year work experience as a Hazardous Materials Specialist I within Santa Clara County or three (3) years progressively responsible work experience in conducting investigations and inspections of hazardous materials/waste, or in the enforcement of Federal, State and Local Government health/environmental regulations.

Hazardous Materials Specialist II continued

Possession of a valid California Driver's license prior to appointment.

Certification:

Some positions may require possession of the Underground Storage Tank (UST) Inspector certification within 180 days of hire or placement into position.

Knowledge of:

- Basic organic and inorganic chemistry, with a strong emphasis on chemical characteristics, hazardous identification, compatibility issues and their effects on human health and the environment;
- Statistics;
- Principles and practices of hazardous materials management;
- Federal, State and Local laws and regulations applicable to hazardous materials management and environmental health;
- Methods, techniques and practices used in the determination, control and elimination of health hazards;
- Practices in the transportation, processing, treatment, recycling and disposal of hazardous waste;
- Computer applications such as word processing, spreadsheets and/or databases.

Ability to:

- Interpret and apply laws, regulations, ordinances, codes and data;
Advise and instruct others on compliance requirements of hazardous materials programs;
- Prioritize and schedule workload;
- Collect samples of hazardous substances, soil and groundwater;
- Prepare comprehensive and technically accurate reports;
- Communicate effectively, verbally and in writing;
- Maintain records accurately;
- Identify hazards and recommend corrective action;
- Conduct statistical analysis;
- Meet respiratory protection program requirements;
- Enforce laws, regulations, codes and ordinances pertaining to hazardous materials/waste.
- Some positions may require an employee to climb ladders, scaffolding, or trenches, or to crawl while performing investigations and field inspections.

Veterans Preference Information

This recruitment has been identified as non-entry level by the Human Resources Director. Any veteran who has submitted a copy of their DD214 form, and received an honorable discharge within the last five years, will be given a preferential credit of five percent (ten percent for those identified as disabled veterans), after attaining a passing examination score for a numerically scored examination.

To apply for this job (must be done online), go to: [Hazardous Materials Specialist II](#)

Honeywell International, Phoenix Arizona

Honeywell International has the following openings at their Phoenix Arizona facility:

- Environmental Compliance Engineer
- Senior HS&E Engineer
- HS&E Engineer

For more details, or to apply for one of these positions, go to: <http://www.careersathoneywell.com/en/JobSearch>

CIH/EHS Manager

JDSU, Santa Rosa, CA

JDSU plays a vital role in the broadband and optical innovations that enable breakthrough solutions for a wide range of essential high-tech industries. From biotechnology to telecommunications to brand protection, JDSU's broad portfolio of products and solutions provides ample opportunity for you to apply your skills and knowledge to cutting-edge technology that impacts people's lives.

JOB SCOPE:

Provide professional industrial hygiene and general safety services to the Advanced Optical Technology Group (~75%) and technical industrial hygiene support to other groups within the global JDSU organization:

1. Industrial hygiene exposure assessment Evaluate employee exposures to harmful chemical and physical agents and develop/implement control strategies. Agents include noise, metal dusts, soldering / welding fumes, paint spray, organic vapors, epoxy components, abrasive blasting agents, EMF, RF, & UV radiation. Maintain IH exposure records. Provide support to engineering in development of engineering controls such as local exhaust ventilation, machine guarding, noise abatement, etc. Ability to correctly use and maintain a variety of exposure sampling equipment including sampling pumps, multi-gas meters, noise dosimeters, sound level meter, radiometer / photometer, rotating vane anemometer, TSI Q-trak, Geiger counter, Portacount fit-tester, Drager Aerotest system, etc.
2. Training Provide training for New Employee Orientation, Respiratory Protection, Control of Hazardous Energy, Confined Space Entry, Hot Work Permits, Hazard Communication, safety philosophy and principles, and other safety-related topics. Provide customized training, to suit the various operations on site, especially related to potential exposures to physical and chemical hazards. Provide training during early morning and/or late evening hours to suit 24 hour, 7-day operations. Develop and maintain training materials.
3. Administer/support EHS programs Lockout-Tagout, Respiratory Protection, Hearing Conservation, Incident Reporting, Investigation, & Corrective Action, Hazard Communication, Laser Safety, Process Hazard Analysis. Provide Quantitative Respirator Fit-Testing when necessary. Administer the Control of Hazardous Energy audit program. Review incident investigations and mentor incident investigators. Recommend corrective actions based on root cause analysis. Ability to conduct "What-if" and Failure Modes and Effects Analysis. Build Process Hazard Analysis skills in others. Revise and/or rewrite, implement, administer, and audit various EHS programs.
4. Consulting role Provide day-to-day support to operations personnel, acting as a reliable source of guidance on regulatory and code interpretation and recognized health & safety principles. Be familiar with California Code of Regulations – Title 8 and Title 17, Federal OSHA 29 CFR 1910, NFPA Standards, Uniform Fire Code, Uniform Building Code, ANSI Standards, and capable of interpreting European and Asian standards in support of global industrial hygiene

needs.

CIH/EHS Manager continued

5. Electronic systems Develop solutions for increasing the efficiency and organization of

EHS business processes. Proficient in modern computer applications (Word, Excel, Access, communication programs)

Participate in developing Global EHS Management Software using web based database technology.

REQUIREMENTS:

Certified Industrial Hygienist (CIH) or meets all educational requirements to qualify for the CIH exam. Five years of industrial hygiene and general safety experience desired. Recent advanced degree in industrial hygiene, safety, engineering or other field qualifying for certification will be considered.

PLEASE FORWARD YOUR WORD VERSION RESUME TO:

Michael Williams, CIH, CSP, ARM

Health Safety & Risk Management Services (HSRMS)

mikewehs@aol.com

(408) 209-2307 begin_of_the_skype_highlighting (408) 209-2307 end_of_the_skype_highlighting

SAP EH&S Consultant

Travel 50% travel annually Job category Consultant

Business unit ConServ Job role Package Solution Consultant

Job role skillset SAP.SCM.PLM

Job description

The SAP Environment Health and Safety (EH&S) Consultant is directly accountable/responsible for successful delivery of EH&S process transformation, change management initiatives, system configuration, WWi Template & EHS Expert Rule development and data interface design. This role is responsible for the design and development of WWi Templates for Labels and Safety Data Sheets, the design/development of custom EH&S Expert Rules, and data migration and interface design.

Candidate should demonstrate experience with SAP EHS design and standard configuration for Basic Data and Tools, Product Safety, Global Label Management, Hazardous Substance Management, EHS Expert Rule Development, EHS Data Structure and Data Load methodologies.

Required

* High School Diploma/GED

* At least 2 years experience in Multiple, full life cycle, Global, complex SAP EHS implementation experience

* At least 2 years experience in Experience in the design and development of SAP EHS Expert rules and use of the EHS Rule Editor.

* At least 2 years experience in Experience in the design and development of WWi templates.

SAP EH&S Consultant Continued

- * Basic knowledge in Understanding of EHS Data Structure and Data Load methodologies
- * At least 2 years experience in Experience in the design/development of EHS data load tools
- * Basic knowledge in Understanding of current Global regulatory environment in relation to hazard communication and chemical management.
- * At least 1 year experience in Prior consulting experience and business experience in Chemicals Industry.
- * Readiness to travel 50% travel annually
- * English: Basic knowledge

Preferred

- * Bachelor's Degree
- * At least 4 years experience in Multiple, full life cycle, Global, complex SAP EHS implementation experience
- * At least 4 years experience in Experience in the design and development of SAP EHS Expert rules and use of the EHS Rule Editor.
- * At least 4 years experience in Experience in the design and development of WWi templates.
- * At least 4 years experience in Experience in the design/development of EHS data load tools
- * At least 3 years experience in Prior consulting experience and business experience in Chemicals Industry.
- * English : Intermediate

IBM is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.

For more information, or to apply for this position, go to <http://www-03.ibm.com/employment/>

Director of Regulatory Affairs, Quality and Compliance

Fremont, CA

Job ID: AM20100510-58627

Position Summary:

Our Fremont facility is a business unit within the Clinical Diagnostics Division with a focus on providing chemicals, assays, and tests used in clinical research and diagnostics.

The Director of Regulatory Affairs, Quality and Compliance will ensure the appropriate licensing, marketing and legal compliance of all appropriate medical device products in order to control the safety and efficacy of the products.

The Director of Regulatory Affairs, Quality and Compliance will work closely with the Divisional and Group Regulatory teams to define and execute on the optimal regulatory submissions and approval pathway. This will involve discuss with R&D, Marketing, Manufacturing and external regulatory agencies.

The key to this role will be a deep understanding of the US Food and Drug Administration (FDA), European Medicines

Agency, IVDD/CE, JPAL, SFDA regulatory

processes and expectations. We anticipate increased interactions with these agencies as standards evolve and new products open up questions on approach and regulatory standards.

The role will be based in Fremont, California and report to the VP/GM responsible for the Fremont business unit.

Key Responsibilities:

- * Ensure Fremont's products comply with the regulations of all applicable regulatory agencies
- * Stay current and apprised of changing international legislation, guidelines and customer practices
- * Develop and write clear processes for Regulatory approvals, working with commercial teams to define ASR vs CLIA vs EU vs FDA based approaches and timeline and reimbursement ramifications
- * Prepare submissions of license variations and renewals
- * Monitor and set timelines for license variations and renewal approvals
- * Work with marketing to approve commercial literature and language
- * Work with Divisional/Group R&D teams to plan and develop product trials and interpret trial data
- * Advise scientists and manufacturing teams on regulatory requirements
- * Work with Divisional/Group teams and our Legal department to undertake and manage regulatory inspections and recalls
- * Review company practices and provide advice on changes to systems
- * Liaise with and make presentations to regulatory authorities
- * Approve storage, labeling and packaging requirements
- * Develop, implement, and improve quality programs to meet worldwide standards for efficacy, safety and quality
- * Develop strategies to obtain appropriate regulatory clearances and assess the type and amount of product performance data required to ensure product approval
- * Work on extremely complex problems where analysis of situations or data requires an evaluation of intangible, variable factors
- * Act as a liaison and interact with all regulatory agencies and auditors from OEM customers on matters related to quality system management
- * Coordinate and manage all corrective actions including audit findings, customer complaints, non-conformance action (NCAR) and corrective and preventative action (CAPA)
- * Assure timely, accurate and efficient management of quality assurance operation, including accurate document controls, and up-to-date revision controls for product manufacturing, testing and releasing procedures, as well as product labeling and package inserts
- * Establish and manage effective employee training programs related to GMP, PCO, ISO regulatory requirements, EH&S related requirements, and NCAR and CAPA management
- * Provide leadership for the Regulatory function and coordinate activities directed toward obtaining marketing clearance for all diagnostic products marketed by CDD Fremont
- * Maintain company activities in compliance with Quality System Regulations (cGMP), ISO 9001, ISO 13485 and CDMR Regulations
- * Ensure Quality Systems are effectively maintained to achieve strong levels of GMP/ISO compliance
- * Lead Quality, Regulatory and Compliance teams

Minimum Requirements/Qualifications:

- * Bachelors Degree in Physical, Mathematical, Applied Medical and Life Sciences or related field of study. Advanced Degree is preferred.
- * Minimum of 5 years in a senior Regulatory Affairs role in the biotechnology industry (pharma will also be considered).
- * Knowledge of and experience with all FDA regulatory requirements concerning class I, II, and III devices including: design control, validations, MDRs, 510(k)s submissions (PMNs), PMAs, IDEs, INDs, NDAs, and other pertinent issues.
- * Extensive knowledge of QSR/QMS to support CGMP, GLP, IVDD, ISO-9001, EN46001, ISO-13485:2003, CMDCAS, compliance/processes, CE Marks, statistical tools, and audits.
- * Familiarity with Environmental and Occupational Safety and Health principals as well as rules and regulations of governmental agencies, such as CAL-OSHA and EPA.
- * Previous clinical lab work is preferred.
- * Familiar with manufacturing techniques, project management and formal continuous process improvement techniques (Lean Manufacturing)
- * Knowledgeable on the relevant aspects of the law

For more information, or to apply for this position, go to:

<http://www.thermofisher.com/global/en/about/careers/careers.asp>

MiaSole is a growing thin film solar company located in Silicon Valley whose objective is to produce solar cells at a lower cost with higher efficiencies than solutions currently available in the market today. Successful candidates will have demonstrated ability to take responsibility and perform in a fast paced work environment with minimal supervision. Have the ability to handle multiple priorities, make decisions, and solve problems relying on a strong technical background of education and experience. Also have the ability to work as part of a Team to achieve effective solutions and common goals while building a best in class safety program. Demonstrated ability to communicate effectively with strong organizational skills.

RESPONSIBILITIES

- Develop, implement, and manage best in class safety programs and policies that will effectively manage risks associated to hazards in the R&D and manufacturing process by achieving regulatory compliance and promoting a culture of responsible safety management.
- Participate in manufacturing design reviews, procedure review, and process hazard assessments and analysis to identify practical solutions that will effectively manage the associated risks.
- Assist in the development, review, and delivery of safety program related training.
- Conduct general and issue/program specific inspections and audits to ensure effective program implementation.
- Respond to emergencies and incidents/accidents, providing support and coordination. Conduct incident investigations, documenting root cause and effective corrective actions.

JOB REQUIREMENTS

Desired expertise and working knowledge in following safety disciplines:

Electrical safety and LOTO requirements.

Machine safeguarding.

Life safety, fire safety, and emergency management.

Demonstrate exceptional skills in problem solving, root cause analysis, project management, teamwork, and oral and written communication.

Ability to influence others with and without authority using data to support ideas and solutions.

Ability to interpret regulatory safety requirements and standards.

Excellent written and verbal communications, including the ability to effectively conduct presentations.

Ability to effectively work with all levels of management and non-management employees, including responding to questions from all organizations/levels..

Proficient in MS Word, Excel, and PowerPoint, in addition to other systems such as Pure Safety.

EDUCATIONAL/EXPERIENCE REQUIREMENTS

B.S./M.S. in core science or safety engineering/management (Advanced degree desired).

8+ years experience in safety engineering and management.

Professional certification desired (i.e. CSP, CIH)

For more information, or to apply for this position, go to [http://nhack@miasole.com](mailto:nhack@miasole.com)

EHS Engineer Staff for Lam Research in Fremont, California

Essential Functions and Duties

This position will report to the EHS Manager in the Global EH&S Department. Position will support Global EH&S activities from a systematic perspective and integrate them into Lam's business culture. Responsibilities include supporting Lam's safety and environmental regulatory compliance, Global EH&S permits, program, procedures, and policies. Activities may include regulatory submittals/reporting, recordkeeping, day-to-day regulatory compliance, managing interactions with regulatory agencies, conducting inspections and audits.

Specifically, this position will manage hazardous waste, including occasional hands-on operations and oversight, review and evaluate new chemicals and processes for EHS impacts and requirements, wastewater and treatment operations, stormwater program, support facilities projects, participate on ISO 14001 and internal assessments. This position may involve management of specific projects - overall direction, coordination, implementation, execution, control and completion ensuring consistency with company strategy, commitments and goals.

Candidate will have EHS background in a manufacturing and R&D environment; ability to interpret and apply federal, state, local laws, regulations and requirements; familiar with air, waste, wastewater and stormwater regulatory programs and agencies; analytical, research and problem-solving skills; knowledge of basic chemistry and semiconductor process chemistry; field or operational experience in waste operations, chemical handling, and sampling; ability to effectively communicate with all levels of employees and management. Awareness of health and safety compliance is helpful.

Qualifications:

7-12 years of experience in an environmental, health and safety-related discipline and working knowledge of EHS regulations, codes, and guidelines. HAZWOPER and DOT training preferred. Experience in Corporate EH&S and semiconductor-related operations a plus.

Education:

BA/BS Degree in science or engineering related. Advanced degree a plus.

Specific activities include:

- * lead planning and implementation of projects
- * establish project scope, costs, deliverables, tasks, and resource requirements
- * develop full scale project plans, plan and schedule project timelines
- * manages and drives project team to achieve objectives
- * reviews progress vs. plan and takes appropriate actions to meet the schedule track project deliverables using appropriate tools
- * prepare and present project updates for management/stakeholder review, escalate issues threatening success of the project
- * summarizes final results vs. objectives and takes actions to close gaps
- * identify opportunities for improvement, recommend corrective actions

Qualifications:

* qualification in project management or equivalent; knowledge of both theoretical and practical aspects of project management; * experience utilizing project management techniques, tools and software; *direct work experience in project management capacity; * knowledge of adult learning theory and instructional methodologies; * proven experience in people management; * proven experience in strategic planning ; * excellent written and oral communications skills; * solid analytical skills supporting the ability to solve complex problems with multi-dimensional, conflicting needs; * effective in both tactical execution/management and strategic planning/thinking; * ability to manage cross-functional teams without direct line authority; * work well independently and with others; * knowledge or experience related to EH&S programs preferred

Key competencies

- * critical thinking and problem solving skills; * planning and organizing; * decision-making; * communication skills
- * influencing and leading; * delegation; * teamwork; * negotiation; * conflict management; * adaptability
- * stress tolerance

For more information or to apply for this job go to: www.lamrc.com/careers_1.cfm

Sequence Staffing

San Francisco Bay Area

Sequence Staffing is seeking to fill a position for one of the Bay Area's most well-respected mid-sized construction firms specializing in public works projects. They are looking for an experienced construction Health & Safety Manager to develop, direct and manage a new safety program

Throughout these tough economic times, we all know many contractors who have had to scale back operations. But in this case, the construction firm has successfully been weathering the storm and in fact, has been most fortunate winning public bids that have allowed them to look ahead and continue their expansion. Today, they are seeking a unique fit to their corporate culture.

The hiring company is a highly regarded general contractor in the Bay Area specializing in public works and large commercial projects with a focus on modernization, seismic upgrades, tenant improvements, as well as new construction. Because of their business diversity, highly skilled labor force and in-house craftsmen, they have maintained control of their destiny which has given them a competitive edge that is critical in the public bidding arena.

They are now looking for the right in-house health & safety expertise and capabilities to support their crews on public works projects. The firm has never had a dedicated safety manager before. But recently awarded projects for large municipal and transportation construction activities that will run several years have allowed them to hire a permanent individual. With that in mind, ownership would like to find an individual that could be charged with safety management of these major projects who would also be able to take on or grow into a leadership role for development of an overall safety program for the organization.

In this capacity, the Health & Safety (H&S) Manager will provide strategic / tactical support on safety matters and work with project teams to develop new processes, safety training and related materials. Further, the H&S manager will train and coach supervisors and craft employees on effective techniques with emphasis on behavior-based strategies, accident investigation, hazard identification, self-inspection, and employee training.

The ideal candidate will have a broad understanding of federal, state and local labor codes and regulatory requirements related to OSHA and Cal/OSHA, along with demonstrated competency in pre-task Job Hazard Analysis (JHA) planning, accident investigation root cause analysis and statistical analysis of injury trends.

Also, this position requires expertise in fall protection, lock out / tag out, traffic controls, scaffolding, trenching, confined space entry, forklift operations, boom lift operation, hot work, and other areas of high risk exposures. Bilingual English/Spanish is a plus for consideration.

Further, the right individual must have at least 5 years of construction related health and safety experience successfully developing and managing programs and procedures that foster a safe, accident-free workplace. In addition, this person should hold at least one of these certifications: Construction Health & Safety Technologist (CHST) Certification (CHST); Certified Safety Professional (CSP); or Occupational Health & Safety Technologist (OSHT) Certification, plus have a current OSHA 30Hour Construction Safety & Health training certificate. Must also have completed the necessary OSHA and Cal/OSHA training to work with hazardous waste material in accordance with California law.

The base salary while competitive, tends to be more moderate. So true reward, beyond monetary compensation, comes from the satisfaction of having produced high quality work in a stable and reputable organization; a place where service

with a first-class team of individuals in a truly open atmosphere means something. Compensation would include vehicle, solid benefits and performance bonuses.

So this is a special opportunity for a unique individual, where personality and corporate culture match is just as essential as skill set and experience. As the organization engages in a wide variety of activities, a well rounded background with adaptable skill set would be desired for involvement with those types of clients.

I feel confident this would be the type of career opportunity with a respected and reputable organization that you would feel comfortable referring to one of your associates. If you happen to know of anyone you believe would be a good match for this position, I hope you will pass my note along to them or get back in touch with me, as I would be most interested in speaking with them.

For more information, or to apply for this position, contact:

Frank D. De Safey

Vice President

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