

Safety Insider

Holiday Edition 2014

Bay Area Environmental Safety Group

Meeting Time and Location

Wednesday, January 21, 2014
12:00 pm – 1:00 pm
Sign in starts at 11:30 am

Santa Clara Golf and Tennis Club
Conference Center
5151 Stars and Stripes Drive
Santa Clara, CA
(408) 330 – 0001

For directions go to
www.baesg.org or see Page 3

Registration will be online
through Constant Contact
Event Spot.

Watch your email inbox
for more details.

January Meeting Topic and Speaker:

**The Cal/OSHA Regulations Most Frequently
Violated in 2013**

Presented By

**Paul Burnett, Safety Program Administrator at
the Santa Clara Valley Water District**

**Paul is a lifetime member of BAESG for his
hard work and contributions to the
organization and has over twenty years of
practice in the field Occupational Safety and
Health, including extensive experience in
chemical engineering operations and
manufacturing, and safety and health training.**



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Presidents Corner

On behalf of the BAESG Board of Directors I wish all Fellow
BAESG members all the best in the New Year!

This president's corner is a revisit of 2014, and a look ahead to the 2015 year.

2014 was a step up from the significant challenges that the Board of Directors had in 2013 with the resignation of the president, disappearance of our treasurer (including monies from two monthly meetings), and our PDC chairperson- all halfway through the year. Fortunately, we received an influx of new board members and started out 2014 with fresh ideas and lots of new energy.

We had exceptionally high attendance to kick things off at the first couple of meetings. Those who attended meetings were greeted by our Secretary and Treasurer, Jared Carson and Joe Caller, both first time board members for BAESG, who checked you in and directed you to the meeting room. Jared took advantage of the Constant Contact that the board subscribed to send out meeting announcements. Joe took great care of our membership dues and meeting fees and made sure that our books are balanced. Michael Hall spent another year dealing with the speaker list as Programs VP (and also took on the role of PDC Planning Committee Co-Chair with Richard Cellamere). Stanley Li, another first time board member, was very dedicated as the Newsletter Editor, bringing a lot of good information to members. I really enjoyed his Member Profile feature. Sadly, these four will be leaving the Board for 2015 and so the organization is looking to membership to replace them. Steve Hochstadt stepped up in his role as Membership Director even more than in 2013 as scholarship administrator by tirelessly promoting our scholarship opportunity. We had an incredible turnout and an impressive 15 strong applications for the scholarships. One of the highlights of the Holiday Party in December was the introduction of most of the candidates and then the awarding of the scholarship.

Moving forward in 2015, we have a great lineup of speakers for the first couple of meetings and I look forward to seeing all of you at these meetings.

We do face a challenge however in filling in the board. Several board members are moving on and we do need membership to step up and participate. Please contact me if you are interested in contributing to this vital and exciting organization- baesg.pres@gmail.com.

Member Spotlight



Susan Pepper

Susan has been working in the field of EH&S since 1997. Prior to entering the field, she worked as a Quality Control Analyst. She discovered her interest in EH&S while she participated in the emergency response team. Due to a professional event that she had the opportunity to present her research in laboratory ergonomics; she began her career milestone in the field of EH&S by moving into an entry level position.

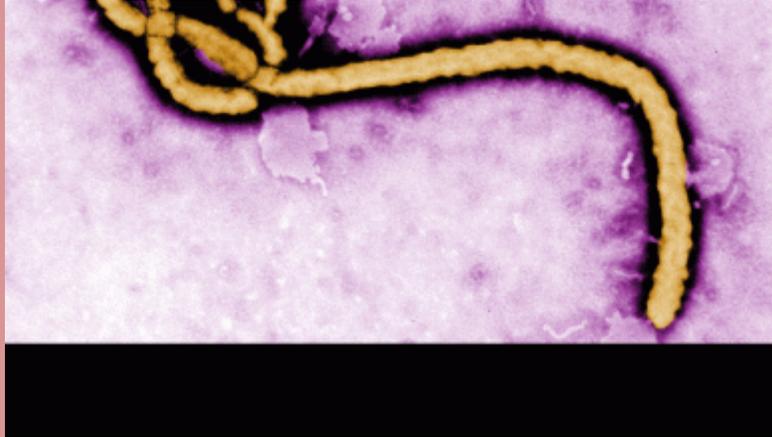
Susan received her BA degree in Biology and German from John's Hopkins University in Baltimore, MD. In her perspectives, the major challenges in the field of EH&S is to gain acceptance from business partners regarding the works that EH&S professionals do on their daily basis. In many cases, employees do not see safety as an important element in their daily operation. Thus, it is crucial for EH&S professionals to identify the alignments between policies and business value so that businesses can achieve profits and be sustainable.

Lastly, Susan recommends her colleagues to be proud of their works. Also, be flexible to the changing environment while maintaining his or her work ethics. This practice should increase the odd of success in his or her career.

News Release

Cal/OSHA Issues Interim Guidelines to Protect Health Care Workers from Ebola

Cal/OSHA and the California Department of Public Health have issued interim guidelines for health care workers, emergency responders, airline flight crews, laboratory staff and other professions that face the potential risk of exposure to Ebola.



Training, proper PPE and isolation rooms for donning and doffing protective gear are among the recommendations that Cal/OSHA makes to protect health care workers from Ebola, in guidance issued last week.

“California’s workplace safety and health standards go further than national standards in protecting workers from hazards such as Ebola,” said Juliann Sum, acting chief of Cal/OSHA. “We urge employers and their workers who may be at risk to pay careful attention to our guidance and check for updates as new information becomes available.”

[Cal/OSHA and the California Department of Public Health have issued interim guidelines](#) for health care workers, emergency responders, airline flight crews, laboratory staff and other professions that face the potential risk of exposure to Ebola.

The new guidance recommends that employers:

Ensure that workers at risk of exposure to Ebola wear gloves, impermeable body coverings, face shields or other eye and face protection, and appropriate respiratory protection. All PPE must be adequate to prevent the passage of bodily fluids to the employee’s clothing and skin. NIOSH-approved respirators must be used where infectious aerosols are likely to be present.

-Train employees in the use of all applicable protective equipment, including respirators. Employees must be clearly instructed on how to safely put on and take off equipment.

-Give employees opportunities to practice with the respirators and other equipment they will use.

-Provide dedicated, separate areas for the donning and removing of protective gear.

Use a buddy system or other means of assisting employees in donning and removing PPE. Employees who assist in removing contaminated equipment also must use PPE.

-Provide additional protective gear, such as double gloves and disposable shoe and leg coverings, in environments where copious amounts of blood, vomit, feces or other bodily fluids are present.

-Ensure that workers conducting aerosol-generating procedures such as intubation or bronchoscopy perform the procedures in an airborne infection isolation room, if feasible, or at least in a private room with the door closed. Employees exposed to these procedures must use NIOSH-approved respirators.

Cal/OSHA reminds all employers and workers that any suspected cases of Ebola must be reported promptly to the local public health department.

In 2009, California adopted an occupational health regulation that specifically addresses infectious diseases such as Ebola, which can spread by small liquid droplets that might come in contact with mucous membranes. The regulation, known as the Aerosol Transmissible Diseases Standard, helped inform Cal/OSHA's new guidelines, the agency said.

Ebola is transmitted through direct contact with the blood or bodily fluids of an infected symptomatic person or through exposure to objects that have been contaminated.

Featured Article

Properly Labeling Electrical Equipment Can Prevent Arc Flash Incidents in the Workplace

This simplified method to label electrical equipment includes accurate arc-fault values and is a cost-effective way to reduce arc flash hazards.

Oct 21, 2014 Robert E. Henry, PE



Arc flashes in electric equipment are hazardous to workers and can result in fatalities, costly damage to equipment and delays in production until repairs are made. Arc-flash labels on electrical equipment are required by federal law; OSHA regulations requiring these labels have existed since approximately 2000.

Unlabeled equipment is a safety violation, and if facilities managers have not hired people to label their electrical equipment, they risk increased insurance costs.

The labels contain an orange warning as a minimum, and list the level of personal protective equipment (PPE) an electrician must wear to work on the live equipment. The PPE protects against burns, blinding and other injuries that the graded levels of incident energy can cause. There are four severity levels, requiring four sets of protective gear, ranging from hard hats, goggles and gloves, to full fireproof garments and welding hoods.

Also included on the labels is the incident energy at a working distance, and the safe clearance around the equipment where unprotected persons are excluded.

There is resistance in the industry to complying with the OSHA requirements. Most large organizations have complied, but many companies have put off labeling. The reasons generally fall within budget constraints, work overload or unwanted focus on National Electrical Code violations in the facilities (or the fear of violations being revealed).

Many employers believe code requirements are advisory, as stated in the code's beginning, and not mandatory. This is false, as the vast majority of local governments have adopted the code as part of their building codes. Also, because electrical failures and injuries are not common, some employers feel the risk of a violation, a possible fine or insurance premium increase is justified.

The standard labeling procedure is to conduct a lengthy survey of the premises and compile details of the electrical system. The system is analyzed, calculating bolted fault currents, arc-fault currents and incident energies at each of the panel boards, motor control centers, switchboards, transformers and medium-voltage equipment on the premises. From the compiled calculated values the labels are prepared, and then applied to the equipment.

This analysis requires engineering-level workers. Electricians apply the labels and the typical number of labels at an average-sized workplace can range from 100 to 300. A large refinery can require as many as 3,000 labels.

Simplified Labeling Method

Half of this procedure is no longer necessary. A [simplified labeling method](#) has evolved, whereby an electrician familiar with the premises surveys the system. Based on transformer sizes, nameplates and circuit breaker or fuse information, the electrician can look at a table and find the label information. He then prepares the labels using a portable printer or customized, pre-printed labels, and applies them at the same time.

The tables are based on a detailed analysis of electrical distribution systems. Because electrical equipment is highly hazardous in shock and arcing, and because of its high capital cost, electrical equipment is standardized in both manufacture and installation. All the equipment sizes and their combinations have been calculated for the label requirements. The analytical results have been compiled in the tables.

Voltages from 208 V to 15 kV are included, with sizes from 30 kVA to 98 MVA. This range covers all but the smallest to the largest commercial and industrial facility.

Author Robert E. Henry, PE, is the president of R. E. Henry PE LLC. He received his B.S. in electrical engineering from the University of Florida and his masters in industrial management at the Polytechnic Institute of New York.

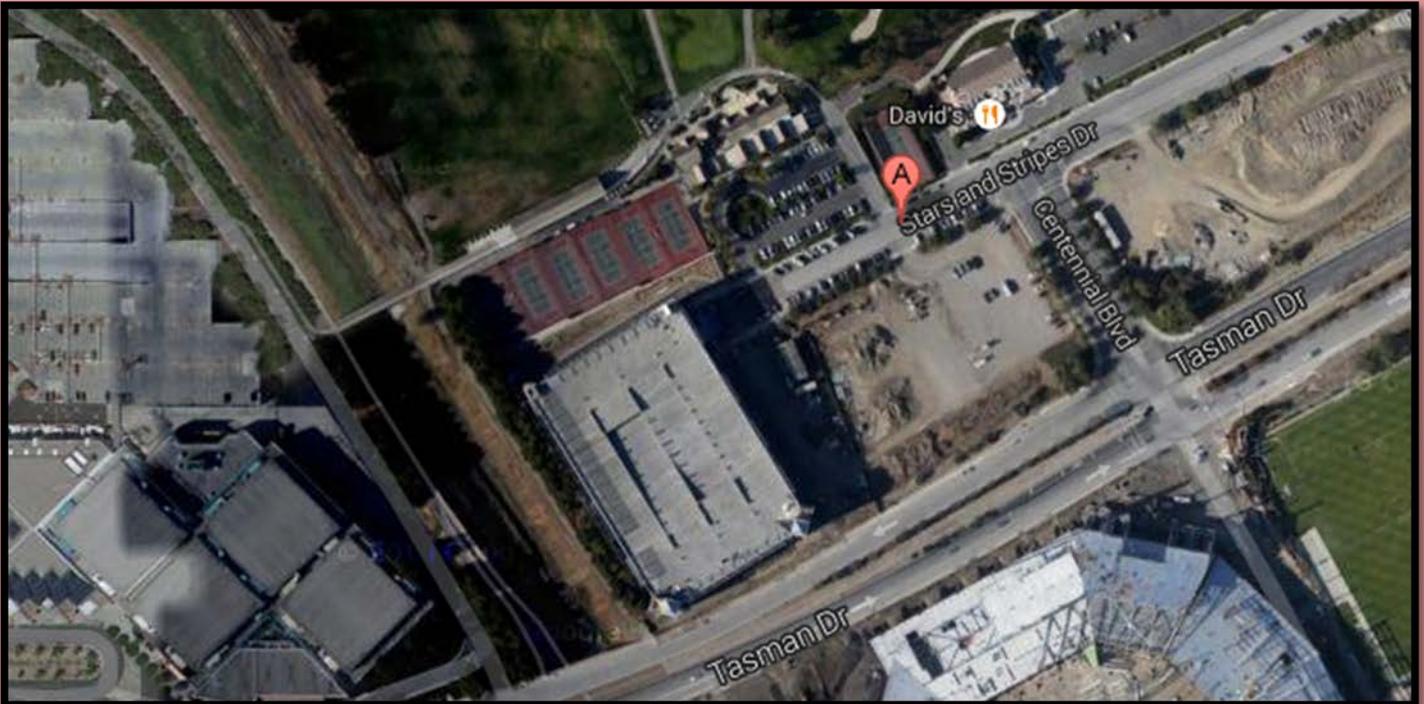
MEETING LOCATION

Santa Clara Golf and Tennis Club Conference Center
5151 Stars and Stripes Drive
Santa Clara, CA, (408) 980-9515

(Off Tasman across from the new stadium entrance)
(Second traffic light east of the Hilton on Tasman)

Lunch will feature a sumptuous Chef's Choice Menu.

Please let Jarod know if you have any special Dietary needs, such as vegetarian.



2014 PDC Sponsors



Prestige Safety Rx
Local On-site Safety Eyewear Provider

www.prestigesafetyrx.com

650-266-8584 / 800-272-9226

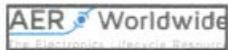


**ENVIRONMENTAL
HEALTH & SAFETY
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AT MISSION COLLEGE

Environmental Products and Services

Roy L. Hays –Business Development Representative

Cell: 408-497-6094; e-mail: royhays@aol.com



www.aerworldwide.com

CHARRON METALS, CORP.

www.charronmetals.com



www.avanguardinnovative.com



www.revoltrecycling.com



www.safedrain.com

Coming Events

The Water Boards are hosting a series of public workshops on the new industrial general storm water permit.

The new National Pollution Discharge Elimination System (NPDES) Permit for storm water associated with industrial activity (2014-0057-DWQ) is effective July 1, 2015. Come to one of the Water Board sponsored workshops where staff will present the new requirements in the permit that impact your industrial facility operations.

Key topics at the workshops:

- How to enroll in the new permit
- What are the changes in the new permit
- What is the schedule for the new permit
- A question and answer session

REGISTRATION IS REQUIRED due to the large number of participants we expect. For more information on how to register and to see the schedule, please visit our website:

http://www.swrcb.ca.gov/water_issues/programs/stormwater/workshops.shtml

Environmental Health & Safety Training Center at Mission College

(<http://www.ehstraining.org/classes/>):

Title 22 Hazardous Waste Handling: January 23, 2015
Incident Command System – Basics: January 29, 2015
DOT 49 CFR Hazardous Materials Transportation: January 30, 2015
OSHA HAZWOPER 8 HR Refresher: February 6, 2015

UCSC Silicon Valley Extension (<http://www.ucsc-extension.edu/>)

Hazardous Materials Management, Principles; January 26 - February 23
Dimensions of Safety and Health Training; February 3 - March 24
40-Hour Hazardous Waste Operations and Emergency Response Training (Federal OSHA, 29 CFR 1910.120 Training): March 9 - 13
8-Hour Annual HAZWOPER Refresher; March 20

February BAESG Meeting

Will feature attorney Gary Lucks providing an Environmental Regulatory Update. Watch your email in-box for the announcement near the end of January.

March BAESG Meeting

Will feature attorney Karen J. Nardi discussing “Key California Environmental Regulations and legislation and Impacts on EHS”

Job Postings

Regional EHS Manager

ValleyCrest

This position is responsible to provide day to day EHS support to branch leadership and operating teams within designated Region. Support includes coaching, teaching and training field personnel on safe operating behaviors and the design, development and implementation of safety and risk control programs. Functions as a subject matter expert and consultant to help internal clients build sustainable loss improvement processes within their operating organizations that they will own and operate.

To apply: <http://www.valleycrest.com/vc/jobs/?nl=1&jvi=opxd0fwT,Job&jvs=Indeed&jvk=Job>

SAFETY TECHNICIAN

Santa Clara Valley Water District

To perform routine activities in the administration of assigned safety program segments; to assist in the planning, conducting and coordinating of occupational safety and health program segments; and to perform other work as required. This position entails the performance of a variety of paraprofessional training and administrative technical duties related to occupational safety. The Safety Technician participates in the development of policies and procedures under the direction of professional staff that has overall responsibility for a variety of safety and health programs. Assists other professional staff by performing assigned technical, administrative and functional tasks

To apply: <http://agency.governmentjobs.com/scvwd/default.cfm?action=viewJob&jobID=1029191>

Safety Operations Leader

Kaiser Permanente

Responsible for the planning, oversight and implementation of a medical center/facility 's integrated workplace safety and environmental, health and safety programs and all related initiatives, policies and procedures. This position leads the safety function for the medical center/facility and drives its success in workplace safety and environmental, health and safety metrics. Works in synergy with all other performance improvement programs and organizational goals. Directs all efforts to ensure highest levels of employee and member safety. Responsible for occupational safety and environmental, health and safety regulatory compliance.

To apply: <https://kp.taleo.net/careersection/external/jobdetail.ftl?job=802554>

EH&S Manager

Rosendin Electric, Inc.

The EH&S Manager is responsible for being the liaison between the Company and the owner/GC responsible for the administration of safety program to maintain a safe and healthy work environment.

To apply: <http://ch.tbe.taleo.net/CH16/ats/careers/requisition.jsp?org=ROSENDIN&cws=1&rid=527>

Principal Consultant-Environmental Compliance

EORM

Principal-level consultant will be instrumental in helping to grow EORM's Environmental Compliance EHS and Sustainability consulting business. This exciting position has both business development and technical consulting responsibilities. This means we are looking for that unique senior level technical EHS professional who loves consultative selling, is great at it, has a strong technical reputation in the field and wants to be generously rewarded with an exceptional compensation package for meeting goals. You must have prior sales experience and a strong environmental compliance network in the bay area.

To apply: http://jobview.monster.com/Principal-Consultant-Environmental-Compliance-Job-San-Jose-CA-US-144259854.aspx?WT.mc_n=Indeed_US&from=indeed

EH&S/Facilities Manager

Intevac

To apply: <http://www.intevac.com/company/careers/united-states/corporate-santa-clara-ca/ehsfacilities-manager/>

Health & Safety Consultant

ERM, Inc.

ERM is seeking a Health & Safety Consultant to join our growing Performance & Assurance practice team in San Jose, CA. In this role, you will provide project management and technical assistance on health and safety compliance projects, safety management systems, safety oversight, industrial hygiene monitoring, and compliance assurance programs for clients locally, nationally, and internationally. This is an excellent career opportunity to work with an expert consulting team on challenging EHS management projects for large industrial and global clients. Access to ERM's national Performance & Assurance experts provide knowledge sharing of best practices across the industry and ongoing learning opportunities for our team.

To apply: http://ehscareers.com/job/health-safety-consultant-san-jose-california-176415?utm_source=Indeed&utm_medium=organic&utm_campaign=Indeed

Health & Safety Compliance Program Leader

Chicago Bridge & Iron Company

Senior Industrial Hygiene (IH) and safety compliance program leader to guide technical and regulatory staff in delivering industrial hygiene assessments, IH and safety management compliance services to commercial and industrial clients. Work with the regional management team, business development team and the National Practice Leader for IH and safety services to deliver services and products to our clients and grow our compliance services business throughout California and the Western Region.

To apply:

<https://www1.apply2jobs.com/shawgrp/ProfExt/index.cfm?fuseaction=mExternal.showJob&RID=46774&CurrentPage=30&sid=232>

Environmental Health Technician

County of Alameda

To apply: <http://www.jobaps.com/Alameda/sup/bulpreview.asp?R1=14&R2=5649&R3=01>

EH&S Mgr II

Biorad

The incumbent will be responsible to align Environmental, Health, Safety and Security processes with business goals and to engage employees to promote behaviors that will achieve the highest levels of productivity in the safest possible manner. The incumbent will establish, implement and oversee all EHSS programs.

This position also manages the Environmental, Health and Safety (EHS) metrics for ER. The position will report to Quality, Regulatory and EH&S Director in Life Science Group Management.

The person filling this role is expected to have a minimum of 10 to 15 years experience in Health and Safety Plans, (Cal) OSHA requirements, waste management, waste water management, air quality permitting, and other safety/environmental compliance issues. Experience with project management and environmental remediation sites will be considered a plus.

To apply: [https://biorad-](https://biorad-openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=4024&source=ONLINE&JobOwner=993536&company_id=16446&version=1&byBusinessUnit=&bycountry=&bystate=&byRegion=&bylocation=&keywords=&byCat=&proximityCountry=&postalCode=&radiusDistance=&isKilometers=&toSearch=no&city=)

[openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=4024&source=ONLINE&JobOwner=993536&company_id=16446&version=1&byBusinessUnit=&bycountry=&bystate=&byRegion=&bylocation=&keywords=&byCat=&proximityCountry=&postalCode=&radiusDistance=&isKilometers=&toSearch=no&city=](https://biorad-openhire.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=4024&source=ONLINE&JobOwner=993536&company_id=16446&version=1&byBusinessUnit=&bycountry=&bystate=&byRegion=&bylocation=&keywords=&byCat=&proximityCountry=&postalCode=&radiusDistance=&isKilometers=&toSearch=no&city=)

Environmental Compliance Manager

San Francisco State University

To apply: <http://www.indeed.com/cmp/San-Francisco-State-University/jobs/Environmental-Compliance-Manager-6b683a215f133bdb>

Safety Manager

Gate Gourmet

Reporting to the General Manager, the Manager of Environmental Health & Safety Unit will be responsible for managing the Environmental, Health and Safety program for the unit with focus on prevention and control of occupational injury and illnesses and environmental compliance. Position is located by the SFO airport. We are a 24/7 environment so flexibility with schedule is a must.

To apply:

<http://ch.tbe.taleo.net/CH11/ats/careers/requisition.jsp?org=GATEGOURMET&cws=1&rid=4151&source=Indeed.com>

BAESG MEMBERSHIP APPLICATION

Please use your browser's PRINT command to print this membership application form. Please complete the form and attach membership dues. Annual membership dues are \$50.00. (\$25.00 for full-time students and retired EH&S professionals).

Make your check payable to **BAESG** and return with this application to:

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

Personal Information and Company Address (to be listed in the Membership Directory)

Name: _____

Application Date: _____ New Renewal

Full-time Student? Yes ___ No ___

Certifications (such as PE, CIH, CSP, CHMM) _____

Job Title (or field of study): _____

Company or (College/University): _____

Mailing Address: _____

City, State, and Zip Code: _____

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

Email address: _____

Monthly newsletters will be sent to the above email address.

Would you like to receive job opportunities? yes no
at what e-mail address? same this one: _____

Areas of Interest: Please indicate any areas of special interest that you would like to see covered during the monthly meetings.

TOPIC: _____

PRESENTING? Yes ___ No ___ **TOPIC:** _____