

Safety Insider

February 2014

Bay Area Environmental Safety Group

Meeting Time and Location

Wednesday, March 19, 2014

12:00 – 1:00 PM

Registration starts at 11:30 AM

\$27 Members with reservations

\$37 Non-Members and Walk-ins

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

RSVP at

baesgreservation@gmail.com

March Meeting Topic:

How Clean is Clean? Evaluating Removable Indoor Contamination

EH&S professionals are frequently asked to measure indoor surface contamination in order to evaluate the potential for worker exposure, to verify the effectiveness of control measures or to determine whether a structure is “clean” after use of hazardous materials has been discontinued. Unfortunately there is little regulatory guidance to determine how clean is clean. OSHA regulations (where applicable) require areas to be “as free as practicable” of removable contamination, without providing a definition of that term. Environmental regulations have been established for soil and other media, but those standards do not apply to indoor areas. Other commonly used approaches, including HUD levels for lead and DOE beryllium standards are limited in scope and difficult to apply to other contaminants. This presentation will discuss several commonly used approaches for evaluating indoor contamination, will evaluate their strengths and weaknesses and will provide EH&S professionals with the tools to select a method of evaluation that is appropriate for their project or situation

Speaker's Bio

James Kapin is a safety and environmental professional with more than 20 years' experience providing risk-based solutions to EH&S challenges. He has worked in academia and the insurance industry as well as more than 10 years as an chemical safety and environmental compliance consultant. James is a Certified Industrial Hygienist and has a bachelor's degree from UCSD in Biochemistry and Cell Biology as well as a Masters of Public Health from SDSU. Currently James manages the EH&S consulting program for Advanced Chemical Transport where he specializes in providing cost-effective environmental and chemical safety solutions to accounts in business, industry and academia

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Member Spotlight



Karen Bouvier, who works as the Environmental, Health & Safety Manager at the Palo Alto Research Center, has been involved in the field of EH&S for 24 years. Karen began her career as a Process Engineer, but discovered that her passion and interest were in safety and environmental protection. Thus, she decided to devote her contributions to the field of safety and health since then. Karen declares the element that she is most enthusiastic about in her job is the ability to make a difference in people's lives through the processes and mechanisms of injury prevention. In addition, she claims that the field of EH&S is very vibrant because it involves so many technical areas that require one to conduct various research studies in order to complete a certain project. Because of the versatility of the field, Karen is passionate about her career.

Despite enthusiasm in the field of EH&S, there are challenges that Karen must face in her daily routine. For instance, Karen declares that projects in EH&S are complex and broad-based. Therefore, one must maintain a close relationship with colleagues and shares best practices so that they can all accomplish tasks without reinventing the wheel. Karen further emphasizes the importance of networking and

continuous education because these are best mechanisms on which one can capitalize in order to stay competent in the field of EH&S.

Regulatory Update

OSHA announces 2014 regulatory priorities. Are you ready?



OSHA anticipates several new final rules in 2014

OSHA plans to issue several final rules in 2014, as well as move proposed rules closer to implementation. Initiatives addressed in the regulatory agenda include:

- *Confined spaces in construction.*
 - A final rule is expected early in 2014.
- *Occupational injury and illness recording and reporting requirements.*
 - A final rule is scheduled for April 2014.
- *Slips and Falls—Personal Fall Protective Systems.*
 - OSHA has a final rule awaiting action by the Office of Management and Budget (OMB) that will incorporate personal fall protection systems into the existing general industry rule for Walking and Working Surfaces (29 CFR 1910.23) that reflects new technologies. The final rule is expected in June 2014.
- *Electric power transmission and distribution.*

- A final rule awaiting action by the OMB would update requirements for foot protection and aerial lift fall protection for electrical installations.

OSHA proposed rules moving forward in 2014

Modernizing recordkeeping

- Under a proposal, certain employers would be required to submit injury and illness recordkeeping data electronically.

Injury and illness prevention plan (I2P2)

- OSHA is shaping a proposed rule that would require employers to develop a formal program to reduce workplace injuries and illnesses through a systematic process that proactively addresses workplace safety and health hazards. A notice of proposed rulemaking is expected in September 2014.

Occupational exposure to respiratory crystalline silica

- A proposal published in the Federal Register on September 12, 2013, would establish a new limit of 50 micrograms per cubic meter of air. Hearings on the proposal are scheduled to begin on March 18, 2014.

Whistleblower protection

- New rules have been proposed to establish consistent and transparent procedures for filing whistleblower complaints.

Cranes and derricks in construction

- The agency plans to issue a notice of proposed rulemaking that would address operator certification and other issues.

A number of regulations are in the pre-rule stage or are at various levels of review:

Bloodborne pathogens

- The agency is considering the continued need for the rule in light of overlap and possible conflicts with other regulations.

Infectious diseases

- A possible standard would require that employers establish a comprehensive infection control program.

Preventing back-over injuries and fatalities

- OSHA has requested information and has held stakeholder meetings to discuss emerging technologies that address the risks of backing operations.

Reinforced concrete in construction

- OSHA says current rules may not adequately address the hazards; the agency is seeking information on the topic.

Combustible dust

- Rulemaking has begun, but no proposal has been issued.

In addition, OSHA continues to review its chemical standards. The majority of existing permissible exposure limits (PELs) were adopted in 1971, and only a few have been updated since that time.

Source: <http://safety.blr.com/workplace-safety-news/safety-administration/OSHA-Occupational-Safety-and-Health-Administration/OSHA-announces-2014-regulatory-priorities.-Are-you/>

Featured Article:

Personal Safety: Illumination In The 21st Century

Reflective tape and striping are not the only ways to keep our workers safe and visible.

Feb. 11, 2014 by Max Baker , EHS Today



The machines and work tools we rely on every day have changed and evolved. Yet we still rely on reflective tape, a product developed in the 1970s, to keep workers safe and visible in high-risk situations all around the world. Perhaps it's time to consider other alternatives.

Reflective striping was invented in the early 1970s as a means to help keep rail workers in the United Kingdom safe on the job. Forty years later, retro-reflective striping has become the standard on construction jobsites around the world.

However, there has not been any significant advancement in this technology since it was created. New prismatic taping is an incremental improvement, but tape and other reflective surfaces remain dependent on an exterior source of light to illuminate them and (hopefully) the wearer. Due to this dependency, tape is limited in its overall ability to keep workers visible.

According to OSHA, the top four causes of construction fatalities are falls, struck-by, caught-in/between and electrocution. In 2012, 775 people died on construction jobsites in the United States. Working on a construction jobsite especially is dangerous, due to all the personnel, machinery and heavy equipment on site. Adding to the mix are dark situations and low-light areas where these dangers become even more perilous.

Lighting solutions can help personnel on site be safer and more visible, but they also have their own limitations. Generally, most on-site lighting is designed to illuminate an area of the worksite. Area lighting, however, is not easily mobile and often depends on diesel-fuel generators or some type of semi-permanent electrical utility. This often results in the need for electrical cabling snaking through certain sites, creating additional trip hazards.

In addition to trip hazards, large area lighting often washes out the illuminated area, making it difficult to distinguish personnel from equipment. Alternatively, task lighting is not designed to keep workers safe and visible. When dependent on task lighting, workers often have to fight against shadows cast on their workspace. The right solution should help to illuminate the worker and the work area, making it easier and safer to get the job done.

Lighting as an Active Safety System

In the 21st century, proper safety measures not only should protect the person wearing or using the gear, but also allow other employees and mechanical systems to be aware of that person. That fundamentally will increase overall jobsite safety. Active safety systems will help personnel be seen without depending on a secondary source of power or illumination – a marked improvement over reflective tape and other passive systems.

When personnel are visible from all directions at all times, the jobsite is a safer place for everyone. Being seen at all times not only makes the wearers more visible, but also allows them to communicate in new ways on the jobsite. This can be done with different light signals and flashes as well as through integrated software platforms that communicate across the job to multiple mobile devices.

Active safety systems do more than just help someone be seen; they also help us see. Static lighting systems are not personal and reflective tape does nothing to help us see. Falls regularly are caused by slips and trips. Making it possible for personnel to always see their surroundings – no matter where they move – is a great way to help reduce accidents and to help them do their job better. After all, if you always are struggling to get enough light on your workspace, how are you supposed to be able to accomplish your job safely and effectively?

Technology Advancements

Advancements in technology are making these active, personal solutions easier to access and at a cheaper cost. To build an active safety system on site years ago either would have been impossible or impossibly costly, but solutions are emerging that put such systems within reach.

Battery technology is changing how we use power tools and equipment. New lighting technologies like LEDs are changing how we can illuminate workers and work areas. And software is changing how we design, bid, build, manage and oversee worksites. These changes provide us with real opportunities to consider achievable solutions in personal safety.

Safety equipment constantly is evolving, with new solutions for air monitoring, personal protective equipment, machinery and tools being introduced on an annual basis. Tools and solutions are available today to make our jobsites safer and more productive in terms of visibility for workers. Reflective tape and striping are no longer the only line of defense; a larger system of active personal safety solutions is available to keep our workers safe and visible.

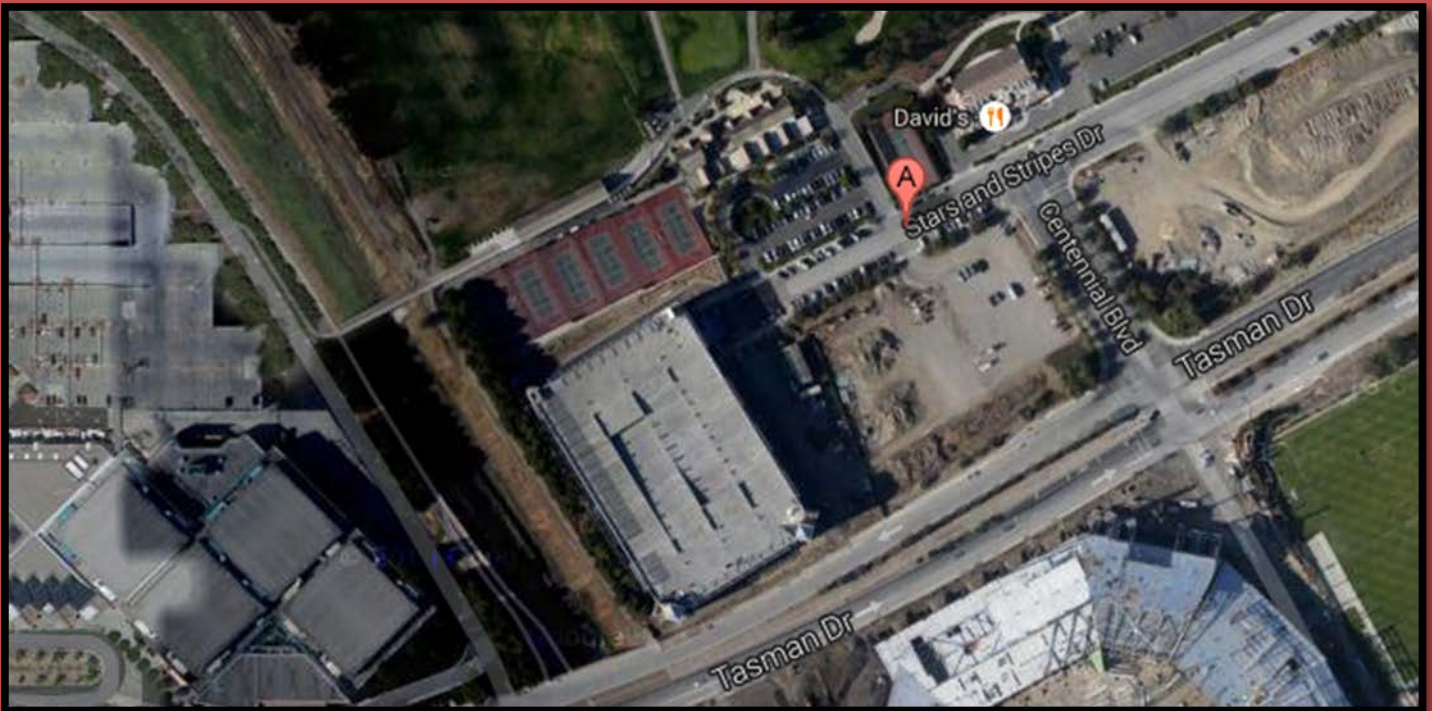
MEETING LOCATION

Santa Clara Golf and Tennis Club Conference Center
5151 Stars and Strips 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.



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Save the date for Professional Development
Conference 2014, Wednesday October 15.
Location and topics to be determined.



Upcoming Events

Bay Area Safety Symposium – March 5, 2014

The Bay Area Safety Symposium will be held on March 5, 2014, at the San Ramon Marriott. This event is sponsored by the Greater San Jose and San Francisco Chapters of ASSE and by the northern California section of the Public Agency Safety Management Association (PASMA).

The 2014 Symposium will feature 20+ speakers covering a wide range of topics from Safety Boot Camps, The Business of HSE, Safety Tech Savy, New Regulations, and Construction Safety and will even feature student and intern presentations. For more information, and to register for this event, go to: <http://assesf.com/main.sc>

How to Prepare for a Radiation Safety Inspection & Social Networking Reception presented by the Pacific Industrial and Business Association, at IBM Corporation, 4400 North 1st Street, San Jose

Tuesday, April 1, 2014: 2:30pm-5:00pm. Networking social from 5:00pm – 6:00pm

This 1/2 day workshop will focus on key areas that should be addressed before a State inspection. Attend this event in order to improve your compliance with the State Radiological Health Branch, learn industry best practices, and network with fellow colleagues. PIBA will be providing a hosted bar with light appetizers after the presentation. Meet and discuss with our presenter, PIBA board members, and fellow EH&S professionals. Just be sure to Bring Your Own Glass with you! For more information, and to register for this event, go to: <http://www.piba.org/>

Radiation Safety Officer Training, 40 Hour Course presented by the Pacific Industrial and Business Association, at IBM Corporation, 4400 North 1st Street, San Jose

Wednesday through Tuesday, April 2 – 8 (weekdays only), 2014: 8:00 am - 5:00 pm.

This course is designed for persons who want to become a Radiation Safety Officer at a university, biotechnology center, or industrial concern. This course is applicable to laboratory staff scientists who require radiation safety training to qualify as a “user” of radionuclides, biotechnology scientists who use radionuclide tracers, scientists in the radiopharmaceutical industry (production and R&D) and others.

For more information, and to register for this event, go to: <http://www.piba.org/>

Upcoming Classes

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

- [8-Hour Annual HAWOPER Refresher](#), March 14
- [Toxic Laws Legislative & Regulations Update](#), March 21
- [Safety & Health Program Development and Implementation](#), April 8 – May 6
- [Occupational Health & Safety Regulatory Update](#), April 11

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

- OSHA HAZWOPER 8 hour Refresher, March 14
- DOT 49 CFR Hazardous Materials Transportation, March 14
- Title 22: Hazardous Waste Handling, March 21
- Underground Storage Tank Designated Operation Workshop, March 28

Please email Stanley Li, Newsletter Editor at Stanley.Li@parc.com if you have an event that you would like posted on our upcoming events page. All notices are subject to BAESG Board member approval.

Special Request

If you are interested in speaking at the 2014 PDC, we are looking for speakers who can reveal some of their insights and experiences on the topic of PDC in a changing economy. One of the biggest concerns for people interested in career development within Environmental Health Safety is that they have the appropriate education and experience in the industry, but companies are looking for specific skill sets that may not be included in their resumes. If you have insights or experiences that can help people overcome this situation, we would love to hear from you. Please contact Mershad Yaazdi via email: myazdi@ymail.com

Jobs Posting

Environment Health and Safety (EHS) Manager

Google - Mountain View, CA

To apply:

https://www.google.com/about/jobs/search/?src=Online/Job%20Board/indeed&utm_source=indeed&utm_medium=jobaggr&utm_campaign=freeaggr#!t=jo&jid=4599002

Supervising Environmental Services Specialist - ESD

City of San Jose - San Jose, CA

The Department is seeking a dynamic and committed leader to serve as a Supervising Environmental Services Specialist (SESS) to develop, administer, and lead its environmental programs. ESD is currently recruiting for one SESS vacancy in the Integrated Waste Management (IWM) Division.

To apply:

http://www.indeed.com/viewjob?jk=e411c2d23acfc3f8&q=architecture&l=san+jose,+ca&tk=18fn2opj506ag2ma&from=ja&alid=c05e1b7447fdf91e&utm_source=jobseeker_emails&utm_medium=email&utm_campaign=job_alerts

Director, Environmental Health and Safety

Foothill-De Anza Community College District - Los Altos Hills, CA

Reporting to the Vice Chancellor of Business Services, the Director of Environmental Health and Safety (EH&S) implements, directs, and oversees the District's Hazardous Materials Management program at the Foothill - De Ana College Campuses for hazardous materials, hazardous waste, Universal Waste and medical waste. Director takes the lead in regulatory inspections with the various regulatory agencies, third party auditors and internal staff leading to the definition and resolution of any findings. Annually the EH&S department submits a Hazardous Material Business Plan for the colleges.

To apply: <http://www.indeed.com/viewjob?jk=ec989187cec03865&l=San+Jose,+CA&from=recjobs>

EH&S Engineer

L-3 Communications - San Mateo, CA

This position will have primary responsibilities for environmental, health and safety compliance programs at L-3 Communications, Electron Devices Division located in San Carlos, CA. Responsibilities include the implementation and administration of environmental, health and safety programs ensuring compliance with Federal, State and local EH&S regulations. The focus of this position will be health and safety.

To apply: <http://www.indeed.com/viewjob?jk=c11a1d2659d8e016&l=Los+Altos+Hills,+CA&from=recjobs>

Manager, Environmental Compliance

NETGEAR- San Jose, CA

To apply: <http://ch.tbe.taleo.net/CH11/ats/careers/requisition.jsp?org=NETGEAR&cws=1&rid=798&source=Indeed>

Associate Environmental Health Safety Consultant

EORM, Inc. - San Jose, CA

We are looking for an EHS Professional with 3+ years' experience in health and safety who are interested in the dynamic world of consulting.

To apply: <http://www.eorm.com/company/careers.php>

ENVIRONMENTAL PLANNER II

Santa Clara Valley Water District - San Jose, CA

This position will provide on-going long range and environmental planning for the District's Watershed Stewardship and Planning Division. Projects include large-scale capital improvements including flood protection and water supply projects as well as stream restoration and enhancement projects. The position is responsible for all environmental documentation and regulatory permit acquisition.

To apply: <http://agency.governmentjobs.com/scvwd/default.cfm?action=viewJob&jobID=793435>

Environ Health & Safety Engineering Staff

Lockheed Martin - Sunnyvale, CA

Supports ESH operations in the West Sector of IS&GS. Responsibilities span environment, safety and health requirements with emphasis on environmental programs, chemical and waste management, Facilities, and emergency response team support. Routine duties also include occupational safety, incident investigations, accident reduction, data management and metrics reporting. Develops &/or enhances enterprise tools to facilitate implementation of specific programs and ESH management systems. Conducts site audits and risk/self assessments to ensure conformance to company, customer and corporate requirements.

To apply:

<https://sjobs.brassring.com/TGWEBHost/jobdetails.aspx?partnerid=25037&siteid=5010&AReq=280973BR&codes=I N-JBIndeed>

Staff Professional I- ENV-Entry Level

Partner Engineering and Science, Inc - San Jose, CA

Partner is seeking a full-time , entry level Staff Professional to complete Phase I Environmental Site Assessments in our San Jose, CA office. The ideal candidate will have 0 to 2 years of experience performing Phase I ESAs.

To apply:

<http://ch.tbe.taleo.net/CH03/ats/careers/requisition.jsp?org=PARTNERESI&cws=1&rid=262&source=Indeed.com>

Environmental Health & Safety Intern

Owens Corning - Santa Clara, CA

Environmental, Health & Safety Internship participants are placed at an Owens Corning manufacturing plant for approximately 12 weeks during the summer term. Throughout this time the intern is mentored by seasoned technical professionals and completes assigned project work. Projects will provide participants with direct experience on the environmental and safety challenges found in the manufacturing setting and will be in the areas of:

- EH&S Management Systems
- EH&S procedures and policy
- EH&S Regulatory process
- EH&S Project management

To apply:

http://www.ehscareers.com/index.cfm/fuseaction/jobsearchdetails/jobid/84138/environmentalhealthsafetyintern-job.htm?utm_source=Indeed&utm_medium=organic&utm_campaign=Indeed

EHS & Quality Systems Coordinator

Metech Recycling, Inc. - Gilroy, CA

The EHS and Quality Systems Coordinator is responsible for managing and maintaining the company's quality systems platform, and helping meet its environmental and health/safety compliance requirements. We are seeking a self-motivated individual with good organizational skills, attention to detail, and the ability to communicate and work well with people both inside and outside the Company. You will also be responsible for all aspects of the quality management system, performing internal audits, overseeing and participating in external compliance audits, and assisting with implementation of health, safety, and environmental compliance programs, including meeting reporting requirements.

To apply:

<http://www.ehscareers.com/index.cfm/fuseaction/jobsearchdetails/jobid/84878/ehsqualitysystemscoordinator-job.htm>

EH&S Manager

Celestica - Fremont, CA

To apply:

<https://www1.apply2jobs.com/Celestica/ProfExt/index.cfm?fuseaction=mExternal.showJob&RID=1747&CurrentPage=2>

EH&S Consultant - Bio safety Officer

Advantage Technical Resourcing - Menlo Park, CA

To apply:

http://jobs.advantageresourcing.com/private/myjobs/openjob_outside.jsp?a=4412f309vcfsr82scawxf114drkyqlu16ru8mdlitq8okgj1tnerlwyormxbijg&SearchString=&StatesString=&source=indeed.com&id=8000124

Senior Safety Engineer

Lam Research Corporation- Fremont, CA

Lam is committed to the sustainable management of Environmental, Health and Safety (EHS) as a core business principle, we ensure compliance with all applicable government standards and regulations and provide a safe and healthful workplace, while reducing our environmental footprint. The Senior Safety Engineer will be responsible for Safety and Health with some Environmental for Lam's Fremont Campus, including R&D and clean room operations. You will be reporting to the Bay Area EHS Sr Manager.

To apply: <http://www.ehscareers.com/index.cfm/fuseaction/jobsearchdetails/jobid/84843/seniorsafetyengineer-job.htm>

Environmental Health & Safety Specialist

Theranos - Palo Alto, CA

To apply: <http://www.theranos.com/#!/careers/administration/environmental-health-safety-specialist>

Corporate Safety Manager

Cupertino Electric, Inc. - San Jose, CA

Effectively lead the implementation and execution of the company's injury and illness prevention program to create and sustain an incident and injury free environment. Lead and drive a progressive approach to health and safety by sustaining or enhancing local practices, processes, tools, and training programs needed to ensure total effectiveness of the health and safety program. Actively engage and partner with production and project management to create and sustain a safety culture that continuously strives to eliminate all incidents and injuries. Additionally, support management to ensure compliance with all applicable Federal, state, and local regulatory requirements.

To apply: <http://ch.tbe.taleo.net/CH04/ats/careers/requisition.jsp?org=CEI&cws=1&rid=692&source=Indeed>

Senior Health & Safety Professional

URS Corporation - San Jose, CA

The Infrastructure & Environment Division of URS is actively seeking a creative, highly talented Senior Health & Safety Specialist for immediate employment for the San Jose, CA office. The appropriately qualified applicant will be able to demonstrate an established career in Health & Safety, specific to EHS compliance programs and conducting compliance pre-audits at private sector high technology and a variety of other manufacturing companies. URS is proud to provide our employees with exciting, challenging projects. The incumbent can look forward to challenging projects including the opportunity to work within a client's organization and maintaining responsibility for implementing internal corporate EHS policies across sites in the U.S. and Europe.

To apply:

<https://www.urs.apply2jobs.com/ProfExt/index.cfm?fuseaction=mExternal.showJob&RID=86799&CurrentPage=154&sid=364>

Environmental, Health and Safety Manager

A2Z Development Center, Inc. - Cupertino, CA

Lead the development, management and implementation of global EHS programs such as; Global Environmental, Health & Safety Policy, Hazard Communication, Injury and Illness Prevention Programs, Lab Safety Programs, Regulatory Permits and Licenses. This individual will also support involvement in company environmental programs such as; Green Business, Carbon Emissions, Inventory and Reporting, Electronics Industry Code Of Conduct and Environmental, Health and Safety Management System (ISO14001)

To apply: <https://us-amazon.icims.com/jobs/245154/environmental%2c-health-and-safety-manager/job?mode=job&iis=Advertisement-Internet&iisn=Indeed>

If you are interested in receiving updates about current job openings in our industry, or if you would like to communicate a current job opening to other BAESG members, please email our Jos Coordinator Quinn Duane at jobs.baesg@gmail.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:** _____

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