



Safety Insider

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BAESG plans second annual Professional Development Conference

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Wednesday October 20 is the date planned for BAESG's second annual Professional Development Conference.

The conference returning to Mission College again this year will provide some interesting and timely safety and environmental material that promises to surpass last years program.

Solutions to Today's Environmental, Health and Safety Challenges

Proceeds provide scholarships for students enrolled in local EH&S programs.

Space is limited so enroll now.

See page 6 for registration form.

A new ANSI Standard for Safety Showers and Eyewashes

This year the American National Standards Institute issued their third update to the 1981 standard for emergency safety showers and eyewashes, ANSI Z358.1-2004. What does that mean for those of us who have safety showers and eyewashes? Well, unfortunately that's not entirely clear.

The reason is, as most people know ANSI standards are not law, in and of themselves. In order for an ANSI standard to become enforceable OSHA has to adopt the standard into their regulations, and as of right now Federal OSHA has not done that. The OSHA

regulation requiring the use of showers and eyewashes, found in 29 CFR 1910.151 (c), only states that shower and eyewashes must be "suitable... for quick drenching or flushing of the eyes and body". Only two of the twenty-seven state plan OSHA's have adopted the ANSI standard, California and Washington, but they are a little behind the times, adopting the 1981 and the 1998 versions, respectively.

So does this mean that the latest ANSI standard isn't worth our attention? No, we need to pay attention to this because OSHA hasn't made it so easy for us. In earlier interpretation letters Fed-OSHA has muddied the water by quoting an older ANSI, the 1990 version, when answering questions about compliance with the shower/eyewash regulations. However, when ANSI released the 1998 version of the standard, the new version contained many more details, including specifications on water flow and even water temperature.

This led a lot of employers to get nervous because complying with the new standard would require some complicated adjustments to already existing shower and eyewash stations and if OSHA were quoting the old ANSI standard as a means of compliance to the OSHA regulation then perhaps employers could be cited for not complying with the new, more stringent standard.

In 2002, OSHA issued three more interpretation letters on the subject in order to clarify things. Here's what one of them says:

"ANSI standards become mandatory OSHA standards only when, and if, they are adopted by OSHA; ANSI Z358.1 was not adopted by OSHA. In comparison with the OSHA standard at 29 CFR 1910.151(c), however, ANSI Z358.1 provides detailed information regarding the installation and operation of emergency eyewash and shower equipment. OSHA, therefore, has often referred employers to ANSI Z358.1 as a recognized source of guidance for protecting employees who are exposed to injurious corrosive materials.

OSHA would also take the ANSI standard into consideration when evaluating the adequacy of the protection provided by an employer."

Everybody clear? OSHA hasn't adopted the ANSI standard, so technically, you are not required to comply with the standard, but OSHA would measure your shower and eyewash stations against the ANSI standard requirements when considering their effectiveness. As you can see, the issue is a little complicated.

Now, what does this mean for us? This means that we should probably pay attention to the newest ANSI standard in this case and try to comply as best as we reasonably can. Here are some tips to help you evaluate if your showers and eyewashes are in compliance with the ANSI standard.

- Plumbed to allow for a continuous flow of clean water while in operation.

- Showers must provide 20 gallons of water per minute of flow and eyewashes should have 0.4 gallons of water per minute
- The plumbing needs to be such that both the shower and eyewash are operated at the same time at the required flow rates.
- Water needs to be tepid
- Must be easily identifiable and available within 10 seconds or less
- All employees should be trained on the use and location
- All showers and eyewashes need to be inspected

California has stated that inspections should be at least monthly, but the latest ANSI standard mandates weekly inspections of all showers and eyewashes. Weekly may be a bit much for some facilities but you have to evaluate your showers to determine your frequency. The rule of thumb is that if you come once a month and the water comes out brown, or the shower/eyewash is so dirty that you wouldn't even want to use it, then you should inspect it more frequently. In all cases document all the training and inspections that you complete just in case there's any questions.

This story comes provided by Safety Compliance Management [Http://www.scm-safety.com](http://www.scm-safety.com)

"... employers could be cited for not complying with the new, more stringent standard."

The State Water Resources Control Board has adopted changes to the Underground Storage Tank regulations that went into effect May 8, 2004. The new regulations include requirements for Certification of:

Individuals who are responsible for certain activities at the UST facility. Individuals who conduct UST facility compliance inspections. Individuals who install UST systems and components. Individuals who install, calibrate, test, and maintain monitoring equipment (service technicians). Monitoring of all double-walled pressurized piping with automatic line leak detectors. Submittal of product compatibility and permeability information. To UST system components installed on or after July 1, 2004. If compatibility and permeability testing is required by the industry code or engineering standard used to evaluate the component.

Levels of Responsibility

UST Owner or Operator

Holds the UST operating permit. Must submit to the local agency the name and contact information for the Designated Operator. Must notify the agency within 30 days of any changes. Legally responsible for the UST system

Designated UST Operator

Has knowledge of the UST laws, regulations, and management practices. Obtained **California** ICC certification. Conducts monthly visual inspections. Trains Facility Employees and retraining every 12 months

Facility Employee

Works with the UST system on a routine basis. May be called upon to respond to spills, overfills, or other problems associated with the operation of the UST system. Is trained by the Designated UST Operator

Service Technician

Definition: any individual who installs or tests monitoring equipment, or provides maintenance, service, system programming or diagnostics, calibration, or trouble-shooting for UST system components.

Must possess or work under the direct and personal supervision of an individual physically present at the work site who possesses a current "California UST Service Technician" certification issued by the ICC by July 1, 2005. Renewed every 24 months

Obtain manufacture training and certification.

For secondary containment testing, this training should be provided by the developer of the testing equipment or test method being used, or through the manufacturer of the secondary containment component being tested.

For annual monitoring system certification, this training should be provided by the monitoring equipment manufacturer. Re-certification is required at the time interval recommended by the manufacturer, or every 36 months. In the event no training or certification is provided by the manufacturer, the local agency may approve comparable alternate training or certification.

UST installer

Definition: any person installing UST systems or components

Possess or work under the direct or personal supervision of an individual physically present at the work site who possesses a current "UST Installation/Retrofitting" certification issued by the ICC by January 1, 2005. Certification must be renewed every 24 months.

The Underground Storage Tank Requirements can be found at <http://www.swrcb.ca.gov/ust/index.html> and the new training requirements are found at http://www.swrcb.ca.gov/ust/training/new_trng_reqmts.html. If your facility has UST's you are required to submit your statement of compliance by January 1, 2005 and have all other trainings completed by July 1, 2005.

Bay Area Environmental Safety Group

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WE'RE ON THE WEB
[HTTP://WWW.BASEG.ORG](http://www.basg.org)

The Bay Area Environmental Safety Group is a business league with the interest of serving the professional working in Silicon Valley and the Greater San Francisco Bay Area.

The BAESG was established in the early 1980's to fill a void that other safety-related associations were unable to satisfy.

Officers of the BAESG are committed to meeting the needs of environmental protection, occupational and public health, emergency preparedness, and safety professionals.

Each month, luncheon meetings are planned featuring speakers who have something to offer the EH&S professionals and the companies and organizations for which they serve.

Conferences and Upcoming Courses

Commonly needed training:

various dates

- Title 22 Hazardous Waste Training,
- Chemical Safety And Hazard Communication,
- Hazwoper,
- and more . . .

REBRAC, at Mission College, in Santa Clara. <http://www.bayrebrac.org> for details

PIBA Sustainability Series: Oct. 5 or 6: metrics www.piba.org or 650-965-2436 for details

PIBA Sustainability Series: Nov. 9: management www.piba.org or 650-965-2436 for details

The Campus Safety, Health, and Environmental Management Association (CSHEMA) and PRIZIM Inc. are excited to offer two more regional seminars:

October 13 & 14 - Desert Research Institute (DRI) in Reno, NV

October 21 & 22 - Massachusetts Institute of Technology (MIT) in Cambridge, MA

<http://www.prizim-inc.com/Local/Local.htm> for details

The Northern California Chapter of the Academy of Certified Hazardous Materials Managers (NCC-ACHMM) is proud to offer the Certified Hazardous Materials Manager (CHMM) Overview Course November 2, 3 and 4, 2004 and an optional CHMM certification exam November 5, 2004 in Oakland, CA.

<http://www.ncc-achmm.org> or contact John Wolf at 925-422-0425 for additional information.

The Semiconductor Environmental, Safety and Health Association (SESHA) mini-conference: "How to add Value to Your EHS Program". Thursday, November 4, 2004 at AMD in Sunnyvale, CA -- An exceptional one-day program that is solution-based and emphasizes interactive participation and discussions. Costs will be \$75 for SESHAs members and \$100 for non members. The cost includes registration, conference materials, continental breakfast, breaks and lunch. Registration materials, details: <http://www.seshaonline.org>

Date Posted	Job Title	Location	Contact Information
9/17/2004	Sr. EHS Consultant	San Jose, Ca	Pam Fong, Principal Account Manager, Trouvé Staffing Phone: 925-361-0849
9/17/2004	Sr. EHS Consultant	Costa Mesa, Ca	
9/17/2004	Sr. Ergonomics Consultant	San Jose, Ca	
9/16/2004	Senior/ Principal Consultant	Southern California	RSMR Global Resources 219 West Chicago Avenue, Second Floor, Chicago, Illinois 60610, (312) 957-0337 http://www.rsmr.com
9/13/2004	Field Safety Specialist	Bakersfield Area	resumes@prou.com - Processes unlimited Int'l Inc. 5500 Ming Ave Ste 400 Bakersfield, CA 93309 (No Phone Calls Will Be Accepted)
9/13/2004	Safety, Health & Environmental Manager	Redwood City, CA	Req ID for this position is RG358. To apply, link to http://www.pioneer.com/employment . EOE
9/9/2004	Instructors	San Jose, Ca	Michael Hall, Director Bay Area REBRAC3000 Mission College Blvd. MS #1 Santa Clara, CA 95054-1897 408-855-5584 email mike_hall@wvmccd.cc.ca.us
9/8/2004	Manager Safety/Health	California- statewide	Toni Rivera Human Resources Manager ConAgra Foods Ingredients Tel: (408) 846-3457 Fax: (402) 516-0754 toni.rivera@congrafoods.com
9/7/2004	Western Regional Safety Manager		P.O.BOX 2686 Kirkland, WA 98083 (425)823-0956 http://www.foodrecruiter.com Email: nelson@foodrecruiter.com
9/7/2004	Health & Safety Manager	Sacramento, Ca	Mr. James Powell, Recruiter Aerojet Sacramento Employment P.O. Box 13222 Sacramento, CA 95813 james.powell@aerojet.com
9/7/2004	Environmental Compliance Specialist	Sacramento, Ca	
9/2/2004	Safety Specialist	Sunnyvale, Ca	email your resume to Jobs@kyphon.com , fax to (408) 744-9741 or mail to Human Resources, Kyphon Inc., 1350 Bordeaux Dr., Sunnyvale, CA 94089
9/1/2004	Sr. Loss Control Consultants	LA/Orange/Riverside/San Diego Counties, Bay Area/Sacramento	Kate Storms, Loss Control Manager, CompWest Insurance Telephone (415) 955-2686 Fax (415) 955-2652 kstorms@compwestinsurance.com
8/26/2004	Safety and Health Specialist	Pleasanton, CA	Chris Addiego at 323-474-3279 or fax resume to 323-474-3289
8/26/2004	EHS Project Manager	Santa Clara, CA	http://resumebuilder.webhire.com/resume_add.asp?company=vishay
8/26/2004	EHS Sr. Engineer	Fremont, CA	http://jobsearch.seagate.careers.monster.com/getjob.asp?JobID=23719923&AVSDM
8/26/2004	independent safety contractor	Northern CA	Richard Lawler, 770 Arlington Circle, Novato, CA 94947 at 415-883-0884 or fax 415-883-0847 or mailto:richlawler@vbn.com
8/19/2004	Environmental Health & Safety Engineer	Santa Clara, CA	mailto:KBurk@intevac.com or fax (408) 986-8636
8/19/2004	Safety Manager	Marina, CA	mailto:rnorton@mrwmd.org
8/23/2004	Health and Safety Specialist	LA/SF, CA	mailto:rhodia@rpc.webhire.com

As a benefit to members job announcements are emailed out as they arrive. If you would like to be added to the distribution list please send me an email.

Bay Area Environmental Safety Group
presents
Second Annual
Environmental Health and Safety
Professional Development Conference

Wednesday, October 20, 2004
7:30 am – 4:00 pm

Location: Mission College, Santa Clara, California
Conference information at www.baesg.org click on PDC Link

“Solutions to Today’s: Environmental, Health and Safety Challenges”

Registration & Continental Breakfast	730 am – 8:00 am
Opening Announcements & Keynote Address	8:00 am – 8:15 am
Managing Safety at Multi Employer Work Sites What are your Liabilities and Responsibilities? <i>Jeffrey B. Hicks</i> - Exponent, Inc	8:15 am – 9:15 am
Managing Safety at Multi Employer Work Sites Contractor Safety Programs <i>Jackie Kryszak, M.S., C.I.H., C.S.P.</i> – HP Americas EHS&S Remote Services	9:15 am – 10:15 am
Break- Exhibits	10:15 am – 10:30 am
eWaste – Recent Regulatory Developments, Guidance on dealing with eWaste at your worksite <i>Greg Hemsworth & Erin Moore</i> , Onyx Environmental	10:30 am – 11:30 am
Lunch- Exhibits	11:30 am – 12:30 pm
eTools for EH&S – Blended Learning - The Right Mix for your Company <i>Paul Sylvestre</i> - ESHConnect	12:30 pm – 1:30 pm
eTools for EH&S - Using eTools to manage your EH&S job <i>David Krack, MS, CIH, CSP</i> - Occupational Health Performance, Inc	1:30 pm – 2:30 pm
Break- Exhibits	2:30 pm – 2:45 pm
Emergency Response - Do's and Don'ts of effective ERTs <i>Jay Jamali</i> - Enviro Safetech, Inc.	2:45 pm – 3:45pm

Food will be provided during registration and lunch.

Conference Proceeds provide scholarships for students
enrolled in local EH&S Degree programs.

Conference Sponsors Include:

**Advance Chemical Transport
Bay Area REBRAC
EnviroSafetech
Romic Environmental
RKI Instruments**

Space is limited to 70 registrants- Pre-registration is recommended

Complete registration form and include check with registration.

BAESG member \$ 75

Non-member \$ 100

Includes 1 Year BAESG Membership

Name: _____

Title: _____

Email: _____

phone: _____

Company / Address: _____

City, State, Zip Code: _____

Make checks payable to Bay Area Environmental Safety Group – BAESG

Mail Registration Form to:

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

Total Amount Enclosed is \$ _____ for _____ Reservation(s)

REFUND POLICY: Refunds require a written request and must be received one week prior to the seminar. A \$15.00 handling fee will be charged for processing each refund.

QUESTIONS REGARDING CONFERENCE

Contact Michael Hall, Planning Committee Chair at (408) 855-5584 or mike_hall@wvmccd.cc.ca.us

QUESTIONS REGARDING SCHOLARSHIP APPLICATION PACKET

[Go to www.bayrebrac.org](http://www.bayrebrac.org)

Be a Conference/Scholarship Sponsor

Limited Vendor tables still available contact Michael Hall, Planning Committee Chair at (408) 855-5584 or mike_hall@wvmccd.cc.ca.us