

**Bay Area
Environmental
Safety Group**

**Meeting Time
and Location**

Wednesday, May 18, 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

May 2011

May Meeting Topic

The Storm Brewing Over New Industrial Stormwater Regulations

California's current stormwater program, SWRCB Order No. 97-03-DWQ, has expired and its replacement is undergoing public review in 2011. This presentation will cover some of the major changes/new requirements in the draft industrial general permit. Our speaker on this topic is Lana Spencer, a self-employed independent consultant with a broad background in the development and implementation of environmental programs. Ms. Spencer has over 25 years of experience in helping industry to meet their regulatory requirements and holds a Bachelor degree in Aquatic Biology from UC Santa Barbara and a Master of Science degree in Geology from SUNY Stony Brook.

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President's Corner

We would like to Welcome our new BAESG Board Members: Connie Schultz our new VP of Programs from IHI Environmental, Joe Moulton from Du All Safety, our new Newsletter Editor and Paula Lewis from EORM, our Professional Development Conference (PDC) and Scholarship Coordinator ! Welcome all of you !! We appreciate you volunteering your time and talents in serving our membership!!

Notices

We wish to congratulate our 2 BAESG Scholarship winners, Trevor Bausman and, Michelle Stewart from UC Berkeley. We presented the awards at our April BAESG meeting ! We are glad that the BAESG can continue this annual tradition of presenting scholarships to students majoring in the EH&S areas.

Shortly, we will be sending out a survey to determine your interests in our 2011 PDC. Please take the time to complete the short survey. Your input will be greatly appreciated in planning this year's event. Also, please feel free to contact me or any other Board member for not only suggested PDC topics, but areas of interest for our monthly BAESG meetings.

Just a reminder that we are charged by the Hilton for all reservations for our monthly meetings. If you cannot make the event, please contact Lana at baesgreservation@aol.com ASAP. Your cooperation is much appreciated.

For our May 18th BAESG meeting, we look very forward to Lana Spencer providing us an update on storm water requirements, especially regarding the pending changes planned in the Industrial Storm Water Permit. Please plan to join for what should be an informative presentation to assist you in compliance in your storm water programs.

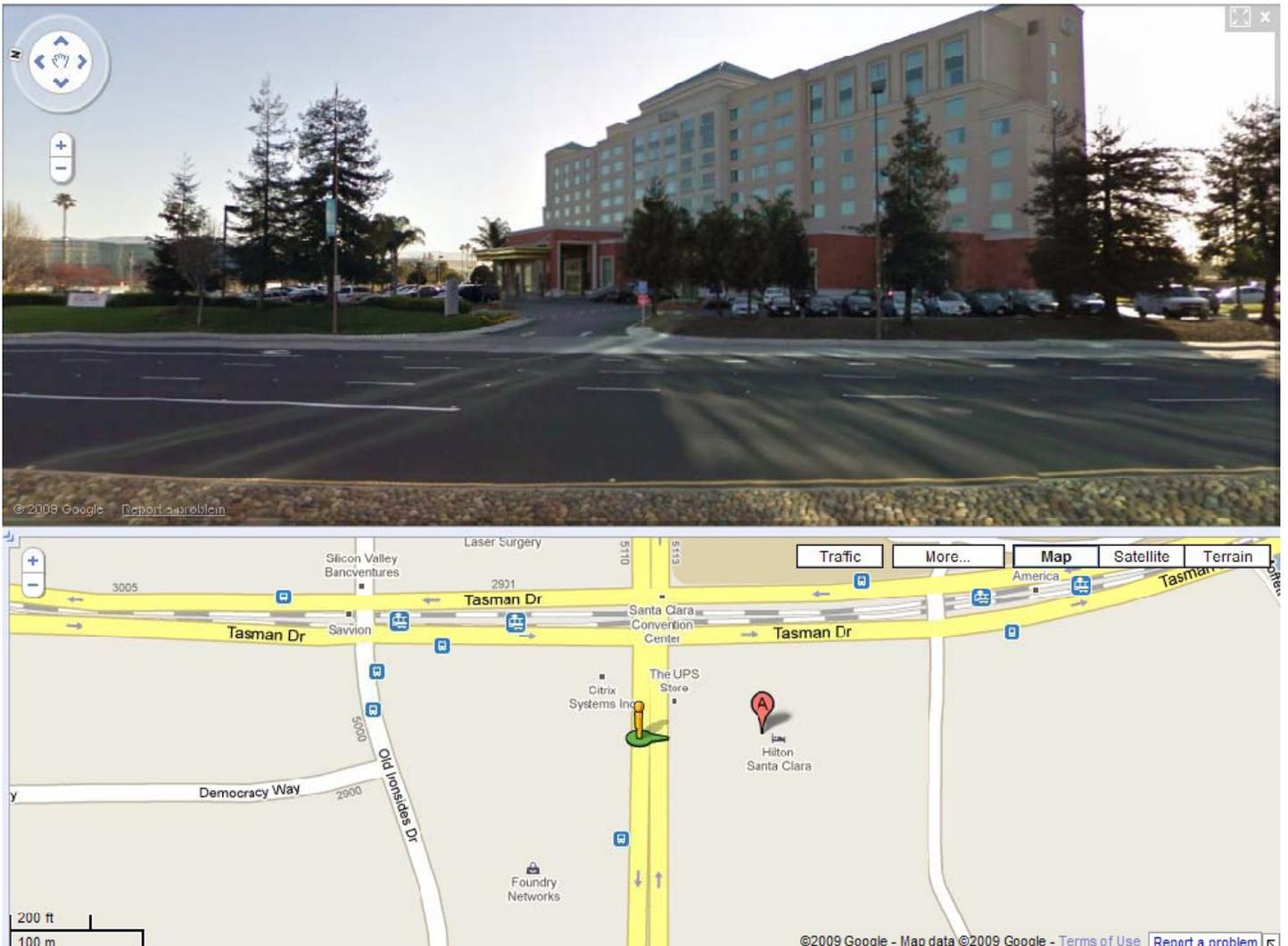
For any other questions or concerns, please feel to contact me or any Board member. – Mark Gordon

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

Eden: OSHA takes aim at distracted driving

By Tommy Eden, May 8, 2011, oanow.com

The federal Occupational Safety and Health Administration will be holding employers responsible for accidents caused by employees who are distracted by cellphone usage while driving during the course of their employment.

David Michaels, the head of OSHA, recently announced his agency's intention to issue a citation or fine for distracted driving. The first cases OSHA wants to pursue are those in which an accident results from an employer setting up a situation in which an employee has a strong incentive to or is required to use a phone while driving.

Employers can be held accountable for such accidents under the general duty clause of OSHA, which requires employers to provide a workplace free of recognized hazards.

- According to OSHA, the dangers of distracted driving are exhibited by the following:
- Distracted-driving crashes killed more than 5,400 people and injured nearly 500,000 in 2009; Researchers report that texting while driving claimed more than 16,000 lives from 2001 to 2007;
- Reaction time is delayed for a driver talking on a cellphone as much as it is for a driver who is legally drunk;
- Drivers who are texting take their eyes off the road 400 percent more than when they are not texting;
- More texting leads to more crashes. With each additional 1 million text messages, fatalities from distracted driving rose more than 75 percent.

OSHA is partnering with others across government, industry and the public to bring together important information and tools to attack texting while driving and other distracted-driver hazards. The DOT has developed a distracted-driving website at www.distraction.gov.

On Oct. 1, 2009, President Barack Obama released an executive order banning text messaging while driving for federal employees. As part of the executive order, federal agencies must also encourage federal contractors, subcontractors, recipients and sub-recipients of government contracts and grants to adopt and enforce policies that ban text messaging while driving.

Common Sense Counsel: With this latest action by the federal government, and the numerous states that have bans on text messaging while driving — of which I predict Alabama will be among before the end of this legislative session — it is more critical than ever that all Alabama employers consider implementing in their employee handbooks a wireless communication device policy like this:

Wireless Communications Devices Use: *Employees cannot use wireless communications devices, including cellphones and text messages, when driving on Company business. Drivers*

who need to use a wireless communications device must pull over to a safe location before using the device.

Failing to take such preventative steps now can make you an easy target when your employee is involved in a serious accident while texting or using a cell phone involving company business.

Tommy Eden *is a Lee County native, an attorney with the local office of Capell & Howard PC and a member of the ABA Section of Labor and Employment Law. He also serves on the Board of Directors for the East Alabama Society of Human Resource Management Chapter. He can be contacted at tme@chlaw.com or 334-501-1540.*

Revised PPE Regulations Effective on April 13, 2011

By Joe Moulton, Du-All Safety, May 5, 2011

Cal/OSHA's revision is the addition of *T8 CCR 3380(f) Hazard Assessment and Equipment Selection*. 8 CCR 3380 now requires employers to assess workplaces to determine if hazards are present or are likely to be present for which personal protective equipment is needed. The following is a summary of the new requirements:

- 1) The assessment must be in writing, identify the area evaluated, person who performed the evaluation, and the date that it was conducted. Cal/OSHA developed a non-mandatory appendix to be used as a guideline to conduct the hazard assessment.
- 2) Employer must select and provide PPE that will protect employee from the hazards identified in the assessment, and communicate selection decisions to affected employees.
- 3) Provide training to employees that informs them on: when PPE is necessary; what PPE is necessary; how to properly don, doff, adjust, and wear PPE; the limitations of the PPE; and the proper care, maintenance, useful life and disposal of the PPE.
- 4) Affected employees must demonstrate an understanding of the PPE training, and the ability to use PPE properly, before being allowed to perform work requiring the use of PPE. This can be accomplished through hands on training and an exam.
- 5) Employees must be retrained when they demonstrate that they do not understand or have the skill to use PPE are required to be retrained, or when changes to the workplace or types of PPE render the training obsolete.

Prior to this regulation, most employers were using the hazard assessment criteria called out in 8 CCR 3203 (Injury and Illness Prevention) to facilitate workplace assessment and selection

of PPE. For most employers, a few updates to your site's existing PPE policy will bring your facility into compliance with the revised regulations. If you have questions about your program, or would like additional guidance please contact us.

The full text of the approved revisions can be viewed at

http://www.dir.ca.gov/oshsb/PPD_apprvdtxt.pdf.

Worst Oil Spill in US History Blamed on Several Critical Failures By Dave Duncan, SafetyXchange, April 18, 2011

The worst offshore oil spill in US history began a year ago today - April 20, 2010 – with a fire and explosion that killed 11 workers on BP's Deepwater Horizon drilling rig, the aftermath of which will likely linger for years to come.

The Deepwater Horizon, a \$560 million rig owned by Transocean Ltd. and leased by BP, was operating 42 miles (68 kilometers) southeast of Venice, LA.

During the three months following the rig's explosion, nearly five million barrels of oil leaked into the pristine Gulf of Mexico until the well was capped.

The spill has caused extensive damage to the Gulf's fishing and tourism industries, not to mention marine and wildlife habitats.

Here's How the Disaster Unfolded

On April 20, 2010, methane gas under high pressure shot out of the rig's drill column onto the platform and ignited and exploded. While many workers were able to use lifeboats to evacuate the rig, 11 workers died that day.

The Deepwater Horizon burned for more than a day before sinking. On April 22, a large oil slick was observed in the area where the Deepwater Horizon had once stood.

Oil soon began washing up on the Louisiana coast and on barrier islands in Mississippi, Alabama and Florida. Within a short time, tar balls and oil residue began washing up on beaches and people were warned not to swim.

It was estimated that 53,000 barrels of oil leaked from the well every day until July 15, when the well was finally capped. Within a couple of weeks it became evidence that a large amount of oil had evaporated from the ocean's surface, but scientists say that millions of gallons of oil still remain under the surface.

The spill greatly overshadowed the Exxon Valdez oil spill in Prince William Sound, AK, in March 1989. The Exxon Valdez tanker, carrying about 55 million US gallons of crude oil, struck a reef and began leaking.

The Gulf Oil Spill was estimated to be at least 20 times larger than the Exxon Valdez event. The area of the Gulf spill includes some 8,300 species of animals, including fish, mollusks, crustaceans, sea turtles, birds and marine mammals. Nearly 7,000 dead animals, ranging from dolphins to birds, to sea turtles, had been collected by early November 2010.

Disaster Resulted from Several Failures

A presidentially appointed Oil Spill Commission report released Jan. 11, 2011, blames “a series of specific and preventable human and engineering failures” for the disaster.

“In fact, this disaster was almost the inevitable result of years of industry and government complacency and lack of attention to safety,” says Commission Co-Chair William Reilly. “As drilling pushes into ever-deeper and riskier waters where more of America’s oil lies, only systemic reforms of both government and industry will prevent a similar, future disaster.”

The commission found that the well blowout occurred as a result of:

- Failure to adequately evaluate and manage risk in late-stage well design decisions,
- Failure to redesign cement slurry in response to tests that repeatedly demonstrated problems with the slurry design,
- Failure to recognize that the critical negative press test used to determine the integrity of the cement job that seals off the well, signaled that the cement at the well bottom had failed to seal off hydrocarbons,
- Failure to recognize that temporary well-abandonment procedures, which BP changed repeatedly in the days leading up to the blowout, unnecessarily increased the risk of a well blowout,
- Failure to recognize and respond to early warning signals of the hydrocarbon influx or “kick” that eventually became the blowout, and
- Failure to respond appropriately to the blowout, once it began, including failure of the rig’s blowout preventer to shut in the well.

In addition, the commission says government oversight failed to reduce the risks of such a well blowout. For example regulation failed to keep pace with the rapid expansion of the offshore drilling industry and inspectors on the front lines and senior Interior Department officials in charge of the Minerals Management Service lacked the training or experience to oversee deepwater offshore drilling.

The Obama administration has since announced new measures to effectively oversee the safety of the US offshore oil drilling industry.

Michael Bromwich, director of the government's Bureau of Ocean Energy Management, Regulation and Enforcement, says his goal is to create an aggressive and tough-minded, but fair, regulator that can effectively evaluate the risks of offshore drilling, promote the development of safety cultures in offshore operations and keep pace with technological advances.

Federal Register Amendment

Federal Register Volume 76, Number 35 (Tuesday, February 22, 2011)

[Pages 9665-9666]

[FR Doc No: 2011-3872]

40 CFR Part 302

[EPA-HQ-SFUND-2010-1068; FRL-9268-8]

Designation, Reportable Quantities, and Notification; Notification Requirements

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule; technical amendment.

SUMMARY: EPA is issuing a technical amendment to correct telephone and facsimile numbers used to immediately notify the National Response Center. EPA issued a final rule in the Federal Register on April 4, 1985, that provided telephone numbers for any person in charge of a vessel or an offshore or an onshore facility to use as soon as he or she has knowledge of any release (other than a federally permitted release or application of a pesticide) for the immediate notification to the National Response Center when there is a release of a hazardous substance from a vessel or facility in a quantity equal to or exceeding the reportable quantity in any 24-hour period. On July 9, 2002, EPA issued another final rule in the Federal Register that provided an additional telephone number, a facsimile number, and a telex number for the National Response Center. Recently, changes were made to these numbers by the National Response Center that is operated by the U.S. Coast Guard. This document is being issued to delete one of the telephone numbers, the facsimile number, and the telex number, and to provide a new facsimile number.

DATES: This final rule is effective on February 22, 2011.

Sec. 302.6 Notification requirements.

(a) Any person in charge of a vessel or an offshore or an onshore facility shall, as soon as he or she has knowledge of any release (other than a federally permitted release or application of a pesticide) of a hazardous substance from such vessel or facility in a quantity equal to or exceeding the reportable quantity determined by this part in any 24-hour period, immediately notify the National Response Center (1-800-424-8802; in Washington, DC 202-267-2675; the facsimile number is 202-267-1322).

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 3 **8-Hour Annual Hazwoper Refresher**

Jun 8-16 **Applied Ergonomics: Human Factors of Safety & Health**

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 12 **Incident Command Systems Basics**

Jun 13 **Title 22: Hazardous Waste Management**

Jun 14 **Title 22: Hazardous Waste Management**

Jun 20 **DOT 49 Training Hazardous Materials**

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

Northern California Environmental Training Center hosts AN INTRODUCTION TO NANOMATERIALS AND OCCUPATIONAL HEALTH COURSE

This 8-hour course will prepare the Safety Professional to address issues that may arise in the use of Nanomaterials in the workplace. This course will provide a comprehensive review of current knowledge, a framework for Risk Management, and tools for keeping up with the rapidly expanding knowledge base on the impact(s) of nanomaterials on health and safety. **Tuesday, May 24th from 8:15am – 5:30 pm, @ Mission College in Santa Clara**, presenters will be **Kristen M. Kulinowski, PhD**, Director of the International Council on Nanotechnology, and **Bruce Lippy PhD**, Certified Industrial Hygienist and Certified Safety Professionals. Drs. Kulinowski and Lippy co-authored a recent white paper the National Institute for Environmental Health Sciences: "Training Workers on Risks of Nanotechnology".

For more information, go to: <http://www.envtraining.org/>.

California Waste Association and DTSC Presents: SB 14 Workshop

Thursday, May 19, 2011, 8:30am - 12:00pm

Cal EPA Headquarters (Training 1 East) 1001 I St. Sacramento, CA 958144304

This workshop will provide guidance on preparing SB14 Reports, which are required every 4 years from Large Quantity Generators. There is no charge for attendance, but pre-registration is required due to limited seating. This course will cover how to:

- 1) Complete a Source Reduction Evaluation Review and Plan
- 2) Complete a Hazardous Waste Management Performance Report
- 3) Complete and submit a Summary Progress Report to the DTSC

For more information or to register for the workshop, go to: http://go2cwa.org/sb14/sb14_register.php.

State Events:

California/Federal Environmental Regulations seminars in Santa Ana, California on May 16-17, 2011

Come join over 1500 environmental professionals who have attended our environmental regulations seminars. These two-day seminars are based on Norman Wei's 35 years of practical experience as a corporate environmental manager and consultant.

plain English and over 300 useful guidance documents on a CD-ROM.

For more information, contact: Norman Wei at: 360-490-6828 or norman@proactenv.com.

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.

Environmental & Health Safety Manager and Radiation Safety Officer @ Bruker Daltonics Chemical Analysis

SUMMARY: The Environmental and Health Safety Manager (EHS) and Radiation Safety Officer (RSO) will be responsible for monitoring and maintaining programs in compliance with EHS regulations and industry best practices at our Fremont, CA facility.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- o Analyze site-specific EHS needs and participate in the design, development, implementation, and delivery of EHS solutions.
- o Assist in the development, implementation and maintenance of EHS and radiological programs, systems and procedures necessary to ensure the overall safety and health of employees, the environment, and the local community.
- o Perform basic job safety analysis and health and safety audits to identify hazards and compliance issues. Identify and communicate corrective actions or improvements to appropriate personnel and manage the development and implementation of necessary action items.
- o Function as the Radiation Safety Officer (RSO) for the facility. Interact with regulatory agencies to maintain the Electron Capture Detector (ECD) license. Oversee and maintain records for the movement of the ECD product in/out of the facility.
- o Assist in preventing chemical, biological, ergonomic, radiological, and physical hazards by performing IH monitoring, sampling and assessment of air, water, noise, chemicals, EMF and/or other materials and reviewing tool or equipment installations to ensure adherence to regulatory codes, or managing such assessments delivered by outside specialist technical services providers. Oversee the collection, pick up and disposal of hazardous waste.

- o Assist in the investigation of accidents, injuries, incidents and complaints or concerns regarding hazards or uncomfortable conditions in the work place, including interviewing employees.
- o Conduct employee EHS training, including emergency response training, chemical and equipment safety training.
- o Prepare and maintain emergency response plans.
- o Provide EHS program compliance support by maintaining Bruker's EHS compliance material and logs (e.g. permits, fees, training records).

QUALIFICATIONS:

- BS in Environmental Health & Safety, Chemistry or related biotech, related science or environmental safety program.
- Experienced in reading, understanding and implementing EHS responsibilities, regulations, and requirements in office, R&D, Wet Lab and Manufacturing environments.
- Demonstrated capabilities to gather and organize data, including conducting research on regulations and procedures, developing a "best in class" solution, and assembling/authoring technical reports on EHS topics.
- Have ability to prepare and to conduct employee training - safe work place and compliance with local, state and federal regulations etc.
- Experience with leading EHS project teams for site specific EHS procedures and program development
- Familiar with general EHS issues and programs based on individual federal, state or local regulations. Familiar with the ECD product and/or license a plus.

To apply for this role, please send your resume to resumes-ca@bdal.com

Staff EH&S Specialist-SanDisk Corporation- Milpitas, CA Posted by:
sandiskcorporation@yahoo.com

In this position, the individual will be responsible for managing the environmental, industrial, health and safety regulations management team for single or multiple facilities. Oversees the development, planning, and implementation of environmental, health, and safety policies and procedures (chemical safety, ergonomics, illness and injury prevention, and building safety) within the company. Ensures compliance with federal, state, and local regulations pertaining to environmental safety and is the primary contact pertaining to environmental, health and safety. Oversees the preparation of contracts for properly licensed hazardous and radioactive waste disposal firms and monitors waste handling. Develops and oversees company training programs for employees in areas such as compliance training, lab/plant inspection, hazardous material handling, emergency response, industrial hygiene, and life safety. May serve as point of contact for emergency personnel. Manage the development and implementation of the workplace ergonomic program and works with HR in reviewing the company's worker's compensation program findings and results. Ensures appropriate corrective action is taken where health and safety hazards exist. Monitors performance of Environmental

Health and Safety (EH&S) programs and regulatory compliance with all federal and state regulations and handles all contact with government agencies. Other responsibilities may include regulatory interpretation, planning, auditing, and information systems evaluation and implementation. Selects, develops, and evaluates personnel to ensure the efficient operation of the function.

This position requires a Bachelor's degree in an EHS field of study and 2+ years of experience in the EHS field.

The ideal individual must have proven ability to achieve results in a fast moving, dynamic environment. Self-motivated and self-directed, however, must have demonstrated ability to work well with people. A proven desire to work as a team member, both on the same team and outside of the team. Ability to troubleshoot and analyze complex problems. Ability to multi-task and meet deadlines. Excellent communication (written and verbal) and interpersonal skills.

SanDisk offers a highly competitive compensation package and great benefits, which include Stock Options, ESPP, matched 401 (K), comprehensive insurance and tuition reimbursement. SanDisk is an equal opportunity employer.

To Apply:

https://sjobs.brassring.com/1033/ASP/TG/cim_jobdetail.asp?partnerid=11730&siteid=111&AReq=7094BR&Codes=IJB

Environmental Health and Safety Administrator, Job ID 10621

Company: Jabil in San Jose, CA

Overall Coordinator responsible for the environmental health & safety programs at the San Jose facility. Principle duties are to plan, coordinate and implement all environmental health and safety programs and systems as necessary to ensure proper management of regulatory and internal expectations.

Essential Duties and Responsibilities

- Responsible for coordination of all programs necessary to comply with Federal and State laws.
- Development, implementation and maintenance of environmental health & safety policies, procedures, work instructions, visual aids, inspections programs, reporting, etc.
- Coordinates with internal and external customers on all issues related to the company's environmental & safety efforts.
- Analyzes, and interprets accident and survey data to determine departmental priorities. Communicates results back the workforce.
- Analyzes and interprets results of tests to determine composition of solid, liquid or gaseous materials and substances.
- Determines sources and methods of controlling workplace exposures, controlling pollutants in air, water and soil.
- Reviews designs and plans for new and revised equipment buildings and processes to optimize

environmental health & safety from an operations and maintenance prospective.

- Overall program coordinator for ISO 14001 & OHSAS 18001.
- Performs technical research and develops solutions to engineering problems.
- Monitor & measures environmental health & safety performance and communicates to upper management.
- Strong coordination with the Facilities / EHS Manager to ensure that performance is being communicated to the workforce.
- Serve as a subject matter technical resource to all levels of the organization. Will oversee coordination of all emergency program training and specialized environmental health & safety-training needs.
- Serve as one of the primary coordinators for all business continuity plans emergency programs and contingency planning. Expected to coordinate program activities with all internal staff functional areas and external agencies.
- Adhere to all safety and health rules and regulations associated with this position and as directed by supervisor.
- Comply and follow all procedures within the company security policy.

Job Requirements

MINIMUM REQUIREMENTS

Bachelor's degree in Occupational Safety or related field preferred; and three to five years relevant experience; or equivalent combination of education and experience.

LANGUAGE SKILLS

Advanced PC skills including training and knowledge of Microsoft software packages. Ability to read and write a variety of correspondences reports policies and procedure manuals. Strong written and oral communication skills.

MATHEMATICAL SKILLS

Ability to perform and review engineering calculations add subtract multiply and divide in all units of measure using whole numbers common fractions and decimals. Ability to compute rate ratio and percent and to draw and interpret bar graphs.

REASONING ABILITY

Ability to define problems collect data establish facts and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables. Able to manage multiple projects and assignments on a routine basis.

PHYSICAL DEMANDS

Individual may be required to sit stand or walk regularly and occasionally lift up to 15 lbs. Specific vision requirements include reading of written documents and use of computer monitor screen frequently.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Individual's primary workstation is located in the office area with some time spent each day on the manufacturing floor. The noise level in the work environment ranges from low to moderate.

Apply online at www.jabil.com/JabilCareers/English/CareerSearch.asp.

EH&S Specialist/Sr. Specialist, 11-0057

BioMarin Pharmaceutical has an opening for an EH&S Specialist/Sr. Specialist in Novato, CA. Job description and applying for the position can found on-line at BioMarin website: www.bmrn.com.
Post date: 3/15/2011

SUMMARY

- Support the overall BioMarin Environmental Health and Safety (EH&S) program.
- Provide EH&S support with existing and new installation of facilities, equipment, and building improvements within a GMP manufacturing environment.
- Responsible for ensuring the basis of facility and equipment design is in compliance with all applicable environmental, health and safety codes, Fire and Building codes, accepted EH&S policies and industry standards.
- Provide EH&S technical support, management and execution of large project/assignments from initial concept and design to completion. This will include new installation as well as replacement or upgrading of existing systems.
- Participate in long-term strategy, development, and EH&S compliance of BioMarin facilities.
- The position will include working closely with Facilities Engineering project managers, contractors and consultants both individually and as part of project teams.
- The position will include working with the end users to develop environmental and safety requirements and specifications.
- Participate as a member of the Emergency Response Team and respond to EH&S emergencies.

RESPONSIBILITIES

- Provide 30/60/90/100% design review to ensure compliance with all applicable environmental, health and safety codes, applicable industry standards and BioMarin EH&S policies and standards.
- Provide punch list of deficiencies from design reviews and follow-up with project walk downs, approval, and sign-off on deficiencies. Manage deficiency items to closure.
- Review and provide input into User Requirement Specifications (URS) to ensure applicable environmental, health and safety specifications are included.
- Provide solutions and alternatives to design and equipment deficiencies to meet environmental and safety requirements and to meet project costs.
- Have a strong understanding of existing environmental, health and safety codes and be able to apply and cite applicable codes accurately and appropriately.
- Maintain current proficiency in of environmental, health and safety codes including but not limited to CA Building and Fire Codes, ANSI, NFPA, OSHA, Cal-OSHA.
- Develop and implement EH&S programs in areas such as electrical safety, lockout/tagout, fall protection, confined space and contractor safety.
- Develop and provide training, presentations, and metrics as required to maintain compliance and EH&S culture.

- Partner with EH&S staff members, Safety Committees and other personnel to improve environmental and safety awareness and communication. Assist EH&S staff with EH&S related programs, inspections, and policies and procedures.
- Perform job safety assessments (JSAs), accident investigations, and root cause analyses.
- Participate in regulatory inspections (Fire District, County, Sanitary District, OSHA, etc.) and coordinate corrective actions
- Become a certified and active member of the Emergency Response Team

EDUCATION

- BS or MS Mechanical, Electrical, or Chemical Engineering from an accredited university

EXPERIENCE

- Minimum of 6 years experience with facilities, design review, and EH&S
- Minimum of 4 years experience in biotech, pharmaceutical, semiconductor or chemical manufacturing environment including regulatory requirements associated with facility design and equipment specification
- Strong experience applying environmental, health and safety codes, and standards (CA Building Codes, ANSI, NFPA, OSHA, Cal-OSHA, etc.)
- Mechanical Engineering experience
- Basic Electrical and HVAC experience
- Experience working in Facility operations, with good knowledge of Facility equipment and equipment specification.
- Ability to read design drawings, understand design and drawing design terminology; and capable of understanding spacial relationship between drawings and completed project to adequately identify safety requirements
- SEMI (Semiconductor Equipment and Materials International) and Semiconductor experience will be a plus
- Experience with Product Safety principles
- Proficiency with standard office software applications including MS Word, MS Excel, MS Project, MS PowerPoint, MS Outlook.
- Strong organizational, interpersonal, oral and written communication skills

Safety Manager - The Environment Energy and Technologies Division (EETD-72803 @ Lawrence Berkeley National Laboratory

Exciting Career Opportunity for an Experienced EH&S / Safety Manager

The Environment Energy and Technologies Division (EETD) at the Berkeley Lab is searching for an experienced Safety Manager who will play a key role in ensuring the division's work is performed safely and that EH&S

activities support the research mission of the division. The EETD Safety Manager will develop a strong understanding of the research, equipment, and techniques required in the division, and then collaborate with the EETD staff and EH&S Division team members to ensure essential research activities proceed in a safe and environmentally sound manner. The Manager will apply broad experience in EH&S and superior leadership and communications skills to deal effectively with division EH&S challenges, including: ergonomics, chemical hygiene, waste management, laser safety, laboratory work activities, biohazards, electrical safety, etc. The Manager will lead the division efforts to establish an EH&S program and will directly support the implementation of this program including providing innovative solutions to highly technical, complex problems. The Manager will also develop program evaluation tools and techniques to measure short- and long-term results that support continuous improvement. This position will report to the EETD Deputy for Operations, with matrixed reporting to the EH&S Division Occupational Safety Manager, and also will supervise administrative and technical safety as needed. For detailed information about EETD please visit <http://eetd.lbl.gov/>

Specific Job Duties

EETD EH&S program development, implementation and management -

- Assist the EETD Division Director and leadership team in establishing a safety culture of open communication and effective collaboration at all levels to identify and resolve safety issues.
- Lead the Division effort to identify risks/hazards before they result in injury or accidents and continuously improve the safety performance and research work quality of the division.
- Manage the division's annual self-assessment, including: participating in the development of objectives, training and leading assessment teams, writing and coordinating the approval of the annual assessment report, and ensuring that findings are documented and closed on schedule.
- Consult and coordinate with the EH&S Division as needed, including identifying the most appropriate EH&S resources to support EETD work activities, and provide feedback to the EH&S Division on the improvement on Lab-wide safety systems used by EETD.
- Apply knowledge of advanced safety principles to serve as a point of contact and subject matter expert for all division staff regarding the implementation and interpretation of EH&S policies, procedures and programs.
- Ensure that division-specific safety training, if needed, is developed and implemented effectively. Develop and deliver safety training both one-one-one and to groups in a broad range of applicable EH&S subject matter.
- Ensure the division has a proactive ergonomic safety program which minimizes injuries; coordinate EETD ergonomic advocates who support the program, and use professional judgment to provide recommendations

to address corrective actions.

- Independently or as a team-member conduct, coordinate and facilitate accident, near-miss/near-hit, and injury investigations. Serve as a causal analyst for the Lab and provide root cause analysis techniques and services to the division.
- Support line managers and assess the adequacy of hazard controls through frequent inspections and monitoring of work activities. Apply expert knowledge of safety principles and understanding of operational needs to provide recommendations for resolving complex problems and ensuring the timely closure of any assigned corrective actions.
- Independently ensure the coordination and management of all required safety documentation.
- Supervise technical and administrative staff assigned to support the EETD EH&S program, including time reporting and daily work performance.

Key Success Factors

Essential -

- B.S in Safety Engineering or a related field and 10 years of directly related work experience; or an equivalent combination of education and experience.
- Demonstrated experience in providing safety support for a research organization.
- Excellent written and verbal communications skills to interact with scientific investigators, administrators, management and technical staff.
- Direct experience in applying OSHA, DOE, ANSI and other related safety requirements/regulations in a wide variety of work environments (laboratory, administrative, field research locations, etc.)
- Proven ability to develop, assess, and maintain EH&S and safety programs with minimal supervision; including policy and procedure writing, auditing, inspecting, training, and program management activities.
- Proven program management capability including the ability to lead or to participate on an interdisciplinary ES&H teams under adverse conditions and with high stress (short lead times, budget restrictions, etc). Proven ability to build a consensus that supports desired actions.
- Demonstrated experience communicating and disseminating information to a wide variety of audiences, including experience in implementing safety communication and awareness programs.
- Proficiency with standard business software, including word processing, presentation software, and

spreadsheets.

- Incumbent must be able to perform the physical requirements of this position including: minor lifting (up to 25 lbs); frequent standing and walking; moving in confined spaces; climbing stairs; inspecting equipment requiring reaching with hands and arms and use of hands to handle or feel; frequently stoop, kneel, crouch or crawl. Incumbent is required to wear a wide-variety of personal protective equipment consistent with a hands-on safety professional. This position will require approximately 50% field (out of the office) time in laboratories and outside in all weather conditions.

Preferred -

- Certified Safety Professional (CSP) credential is strongly desired.
- Experience with the Lawrence Berkeley National Laboratory (LBNL) or other national laboratory is desired.
- Familiarity and experience working with the Department of Energy is desired.

How To Apply- Go to <https://lbl.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=72803>
