



ASSE NEWS

American Society of Safety Engineers **Colorado Chapter** – October, 2006

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NEXT MEETING:

DATE: TUESDAY – October 10, 2006

PLACE: Garcia’s Mexican Restaurant
5050 S. Syracuse St., Denver, CO 80237

TIME: 11:00 Registration
11:30 a.m. Lunch
12:00 - 1:00 Program

DIRECTIONS:

I-25 to Belleview Rd. Exit
East on Belleview Rd. to Syracuse
North on Syracuse to Garcia’s.

COST: \$16.00 with reservation by 5:00 P.M. Friday,
October 6, 2006. \$21.00 at the door without a
reservation. For reservations call: 303-615-7588
Or Email: michael.lorenzo@pinnacol.com

Program Description: The May 2004 C470 over I70 Bridge Girder Accident

On May 15, 2004 there was a tragic highway construction accident when a temporarily supported girder fell from the C470 over I70 bridge near Golden Colorado. The bridge was under reconstruction by the Colorado Department of Transportation (CDOT) to widen the roadway. The girder fell on a vehicle carrying the Post family, a family of three traveling on I70. All family members were fatalities. The National Transportation Safety Board with CDOT and the Federal Highway Administration (FHWA) conducted a thorough investigation of the accident that concluded in May 2006, when the NTSB issued its final report.

This presentation will discuss these events, the results of the structural engineering portion of the investigation, and CDOT’s response to the accident and to the NTSB’s recommendations.

Presenter: Mark A. Leonard, P.E., Colorado Department of Transportation

Mark A. Leonard is a registered professional engineer in the state of Colorado. He grew up in Delta, Colorado and received his Bachelor of Science in Civil Engineering from the University of Notre Dame.

He has been an employee of the Colorado Department of Transportation for 23 years and is the Department’s bridge engineer, managing the Staff Bridge Branch. CDOT’s bridge branch provides the Department’s structural engineering functions including design, construction assistance, inspection, inventory, and records.

Mark was a member of the one of the NTSB/FHWA/CDOT structural engineering team established for the investigation of the C470/I70 accident and has participated in the investigation from the date of the accident up to the NTSB’s final reporting.

COLORADO CHAPTER EVENT:

12th Annual OEH&S Conference October 17th and 18th, 2006

ASSE and AIHA-RMS are jointly presenting the annual Occupational, Environmental, Health and Safety Conference. **Get your registration in today and take advantage of the early bird registration fee.** You can register online at <http://www.aiha-rms.org>



AIHA-RMS/ASSE 12 Annual OEH&S Conference 2006

ANNUAL CALIBRATION REQUIRED

October 17-18, 2006

**Arvada Center for the Performing Arts
6901 Wadsworth Blvd. Arvada, Colorado**

This year's edition of the annual fall conference will feature half-day workshops including emergency response, control banding/global harmonization, accident prevention and exposure/risk assessment methods; an environmental, health and safety (EHS) management roundtable; and floor presentations on a variety of industrial hygiene and safety subjects such as nanotechnology, toxicology, improving reports and data presentations, pandemic response, and more! In addition, there will be a vendor area on Day 1 featuring an evening social event (yes that means free food!) and an AED demonstration.

Details available on the AIHA-RMS website at <http://www.aiha-rms.org>

NOCO NEWS:

The Northern Colorado Section is doing very well and has another great presentation coming up on December 5, 2006 at Biaggi's at Centerra which is at I-25 and Highway 34. At this meeting, Brad Baptiste of OSHA will be talking about the new and exciting aspects of OSHA's Voluntary Protection Program (VPP).

ASSE NEWS:

Public review announcement - Z690.1 - Guidelines for Mold and Fungi Control and Remediation for Worker Protection in Indoor Work Environments

The issue of mold and remediation practices has been hot for the ASSE membership for several years. The Society has fielded probably in excess of 500 questions with mold and specifically the practices and procedures with remediation. As a member of the Society you have already received information about ASSE standards development initiative addressing mold titled: Z690.1-200X, *Guidelines for Mold and Fungi Control and Remediation for Worker Protection in Indoor Work Environments*.

The ASSE Council on Practices and Standards (CoPS) committee responsible for this proposed standard is Ms. Judy Freeman who also serves as the Assistant Administrator of the ASSE Environmental Practice Specialty. The draft is now being released for public review per the recommendation of Ms. Freeman and the authorization of the ASSE Standards Development Committee (SDC). The scope of the proposed standard is:

The standard does not pertain to vehicles, agricultural operations, or other settings that already have established voluntary national consensus standards. The purpose of the standard is to establish minimum requirements and recommended procedures to be implemented by employers to minimize employee exposure to mold. The proposed standard does not establish an exposure level or action level for identification purposes or to trigger remediation activities.

We see this as a significant issue for standards development and to enhance the body of knowledge, good science, and technology impacting/addressing mold remediation. The public review of the draft standard will be conducted from August 18th until October 17, 2006 5:00 p.m. Central Time. As a member of the Society you will hopefully consider ordering a copy of the draft standard and providing comments by the end of the public review. The cost for the draft standard is \$6.90, and the fee is to help defray the costs associated with standards development.

If you are interested in obtaining an electronic copy of the draft and making comments - please order your electronic draft via the link below or by calling ASSE Customer Service at 847/699-2929:

<http://www.asse.org/fr3389.htm>

Finally, please remember that all comments must be turned in by 10/17/2006 5:00 p.m. Central Time and that **COMMENTS MUST BE TURNED IN ELECTRONICALLY USING THE COMMENT TEMPLATE FORM AVAILABLE WITH THE DRAFT STANDARD.**

TECHNICAL CONFERENCE CALLS:



Leadership In Ergonomics
Developing Ergonomic Behavior
Technical Audio Conference Call
Wednesday, October 18, 2006 11:00 am - 12:30 pm CST

If you would like to participate Contact our Customer Service Department at 847/699-2929.

Member Price: \$75.00

AIHA/ACHMM : \$85.00

List Price: \$95.00

ITEM OF INTEREST:

Don't take the heat: Fire in the U.S. devastates life and property AN EXCERPT FROM SAFETY+HEALTH MAGAZINE

In 2005, fire departments in the United States responded to more than 1.6 million fires; this is up 3.3 percent from 2004, according to a report from the National Fire Protection Association, Quincy, MA. These fires resulted in 3,675 civilian deaths, 17, 925 injuries and more than \$10 billion in property damage. One American died in a fire every 143 minutes; one person was injured every 29 minutes.

Although 78 percent of fires occur in residential structures, businesses and industrial facilities are not immune. In 2003, the most recent year for which detailed occupational data is available, 2,330 employees were injured in fires or explosions while on the job, and 198 workers died, according to the National Safety Council. The average workers' compensation claim for burns in 2002-2003 cost more than \$15,327.

Property damage loss rose 9 percent between 2004 and 2005, but this is mostly because property damage in 2004 was unusually low. Structures used for industry, utilities or defense experienced 11,500 fires in 2005 -- 4.2 percent fewer than 2004 -- causing \$376 million in property damage. Stores and offices experienced 23,000 fires, leading to \$687 million in damage. Other nonresidential structure fire damage exceeded \$1.3 billion.

NFPA releases its "Fire Loss in the United States" reports annually. The data is based on surveys of a random sample of fire departments nationwide. The association uses the results to estimate total damages, deaths and injuries for the nation each year. In 2005, 2,716 fire departments responded to the survey.

JOB POSTINGS:

Safety Professional (09-11-06)

Hoffman is looking for a safety professional to work in Lehi, UT @ Micron for about 6 months. They need to have cleanroom safety experience. Contact Brian Clarke, Corporate Safety Director @ 503-221-8978.

Director of Safety (08-31-06)

Pason Systems, Inc. ("Pason") is the world's largest provider of rental oilfield instrumentation systems. These systems are designed and manufactured for use on land-based drilling rigs. Data acquisition, wellsite reporting software, remote communications, and internet information management tools are just some of the industrial technology Pason provides.

Pason has a solid position in North America, and is expanding operations in Mexico, Argentina, and Australia. Pason's head office is located in Calgary, Alberta, Canada. The US Business Unit is headquartered in Golden, Colorado.

For more information on Pason, please visit www.pason.com.

The Director of Safety position will report to the U.S. General Manager (Golden, Colorado).

This is an EXCELLENT opportunity for talented safety professionals – from any industry – who want a chance to develop, manage and implement a safety program for a growing, multi-site organization.

And, since travel to sites throughout the United States is such a large percentage of the job (about 50%), this job is also perfect for someone who enjoys being on the road.

Here's what you will be doing, if you are the successful candidate:

- Overseeing the safety program for the entire U.S. operations including EDR field services, geological services, and the warehouse/repair facilities;

- Providing environmental and safety expertise to the operations;
- Serving as a point of contact for compliance activities; and,
- Developing a safety culture that complements the goals and objectives of the organization.

Position Requirements: The successful candidate will possess a BA/BS in Occupational Safety, Environmental, Health Sciences or a related degree, as well as at least five to eight years of experience in the industrial environmental and safety field. Demonstrated excellent communication, training, managerial and organization skills are a must. A CSP is a plus.

Compensation: Pason will offer a competitive salary and an attractive benefits package. Relocation will be negotiated as necessary.

To Apply: Pason has selected EFL Associates, a national retained executive search firm, to manage this search.

For further information, please call Rick Mack, Senior Vice President of EFL Associates, or Elena McCall, Research Manager at EFL Associates, at 303-779-1724 (or toll free at 877-893-1724).

To apply, send your resume, as well as a cover letter expressing interest in the position, via email to emccall@eflassociates.com, with "Applicant Last Name, Applicant First Name – 7226" in the subject line of your email. Pason Systems and EFL Associates are Equal Opportunity Employers

EH&S Coordinator (8-29-06)

Raytheon Polar Services
 EH&S Coordinator - McMurdo Station, Antarctica
 EXPERIENCE ANTARCTICA!

Seeking a unique adventure as well as employment? How would you like to be one of the few people on the planet to have the opportunity to live and work in Antarctica? Raytheon Polar Services is the primary contractor for the National Science Foundation's (NSF) U.S. Antarctic Program. We are seeking an EH&S Coordinator to spend approx. 4-6 months at McMurdo Research Station in Antarctica. In addition, the position will require two weeks pre-deployment training in our Centennial, CO office, and will deploy to the station immediately following. Most contacts will start approximately September 06 - late October 07.

PLEASE APPLY TODAY AT WWW.RAYJOBS.COM!

You must be willing and able to deploy to Antarctica for a minimum of 4 to 6 months Our deploying, contract position is located at McMurdo Research Station. We are currently seeking ALTERNATE employees for the EH&S Coordinator position. The Primary is first in line for the position and the Alternate is next in line to deploy should Primary person be unable to meet position/deployment requirements.

EH&S COORDINATOR:

This contract deploying position will be responsible for developing and implementing safety and health plans; developing and implementing reporting/inspection procedures. The EH&S Coordinator develops and implements safety and health standards, criteria and guidelines, such as those issued by the Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), National Fire Protection Association (NFPA), and all other applicable regulations.

REQUIREMENTS:

BS in chemistry, environmental, engineering, or equivalent health and safety related experience.

DESIRED SKILLS:

At least three years experience in the field of industrial health and safety desired.

ADDITIONAL POLAR INFORMATION:

All contract positions include competitive salary and a comprehensive benefits package. For the time you are in Antarctica compensation also includes travel to and from the ice, room & board, and you are eligible for a performance-based bonus upon successful completion of your contract. FYI – Only authorized

personnel are allowed on station and you need to remain on station for the duration of your contract except in case of emergency. Check out our website at www.rpsc.raytheon.com.

All applicants must be able to provide proof of U.S. citizenship or permanent residency once employment is offered and pass strict physical, dental, and psychological (for winter-over positions) examinations in order to qualify for deployment. Offers of employment are also contingent upon ability to pass a pre-employment drug screen and background check. Failure to meet these requirements may result in withdrawal of employment offer or other employment action. All employees must also comply with applicable safety, environment, health, and waste management policies and procedure. PLEASE APPLY TODAY AT WWW.RAYJOBS.COM!

Raytheon is an equal opportunity employer and considers qualified applicants for employment without regard to race, gender, age, color, religion, disability, veterans status, sexual orientation, or any other protected factor.

Safety Engineer (08-29-06)

Raytheon Polar Services
Safety Engineer- South Pole Station
Experience Antarctica!

Seeking a unique adventure as well as employment? How would you like to be one of the few people on the planet to have the opportunity to live and work at or near the geographic South Pole? Raytheon Polar Services is the primary contractor for the National Science Foundation's (NSF) U.S. Antarctic Program. We are seeking a Safety Engineer to spend approx. 12 months at the South Pole Research Station in Antarctica. In addition, the position will require two weeks pre-deployment training in our Centennial, CO office, and will deploy to the station immediately following. Most contacts will start approximately September 06 - late October 07. Please apply today at www.rayjobs.com!

You must be willing and able to deploy to Antarctica for a minimum of 12 months

This deploying, contract position is located at South Pole Station, and we are currently seeking ALTERNATE candidates for the Safety Engineer position. The Primary is first in line for the position and the Alternate is next in line to deploy should Primary person be unable to meet position/deployment requirements.

SAFETY ENGINEER:

The Safety Engineer is responsible for the following: developing and implementing RPSC Safety and Health Plan; ensuring Raytheon Polar Services Company (RPSC) compliance with applicable industrial and Federal codes; establishing safety reporting/inspection procedures for RPSC; developing improved "Quality of Life" features for Antarctic stations; and coordination with NSF's Safety, Environmental and Health Officer.

The Safety Engineer Establishes a contract-wide safety and health program for RPSC that conforms to United States Antarctic Program (USAP) requirements which includes a formal and progressive employee training schedule designed specifically for the USAP, including the inspection of RPSC contract locations in the United States, New Zealand, Antarctica, and onboard the research vessel(s). Develops a general and site-specific safety and health program for each contract location in consultation with NSF, NSFA, and RPSC management.

REQUIREMENTS:

BS/BA in Safety Engineering or related field required. Eight years of applicable experience may be substituted for degree Postgraduate degree is preferred. Membership in relevant professional organizations desirable. Certification by appropriate regulatory bodies is required. Additionally, a minimum of five years of diversified experience in the application of workable and comprehensive safety and health programs to industrial field locations, including plant operations and construction safety, fire protection, public health, and the development of related training programs is required.

DESIRED SKILLS:

Specific experience with cold regions and remote bases.

PLEASE APPLY TODAY AT WWW.RAYJOBS.COM!

ADDITIONAL POLAR INFORMATION:

All contract positions include competitive salary and a comprehensive benefits package. For the time you are in Antarctica compensation also includes travel to and from the ice, room & board, and you are eligible for a performance-based bonus upon successful completion of your contract. FYI – Only authorized personnel are allowed on station and you need to remain on station for the duration of your contract except in case of emergency. Check out our website at www.rpsc.raytheon.com.

All applicants must be able to provide proof of U.S. citizenship or permanent residency once employment is offered and pass strict physical, dental, and psychological (for winter-over positions) examinations in order to qualify for deployment. Offers of employment are also contingent upon ability to pass a pre-employment drug screen and background check. Failure to meet these requirements may result in withdrawal of employment offer or other employment action. All employees must also comply with applicable safety, environment, health, and waste management policies and procedure.

If you like to live on the edge and are interested in this once-in-a-lifetime opportunity – go to RayJobs.com and apply today.

Raytheon is an equal opportunity employer and considers qualified applicants for employment without regard to race, gender, age, color, religion, disability, veterans status, sexual orientation, or any other protected factor.

Changing Your Contact Information

If you have a change of address, e-mail or telephone number and you want your ASSE friends to find you, please call the National office of ASSE at 847-699-2929 or e-mail them at customerservice@asse.org.