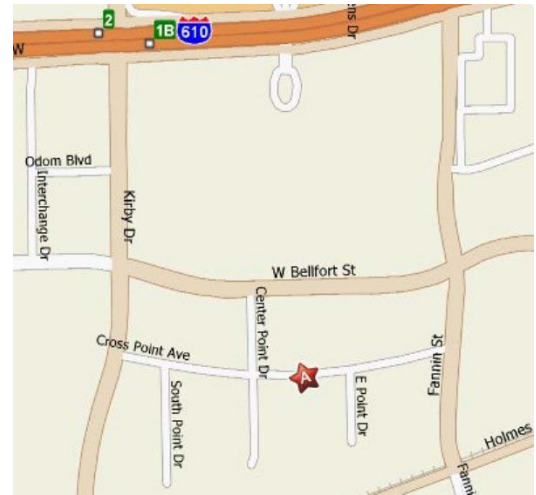


Greater Houston Industrial Hygiene Council

Notice of October 15, 2009 Meeting

Meets At: University of Texas - Operations Center
Building
1851 Crosspoint Drive
Houston, Texas 77054
(713) 500-3498



Time: 9:00 AM to 4:30 PM
Registration begins at 8:30 AM

Parking: Please be sure to park in the fenced-in visitor's parking lot past the stop sign, cyclone fence & speed bumps. Parking violations will be given to those not parked in the designated area.

Dates: Third Thursday of even numbered months (Except Dec.)
Note: AIHA Gulf Coast Section meets during the odd numbered months

In 2009: February 19, April 16, June 18, August 20, **October 15**, December 10, (3RD Thursday of each even numbered month except December.)

Cost: For Lunch and Meeting \$ 35.00
Meeting Only: \$ 25.00
Accepted forms of payments are cash (exact change, please!), check made payable to SWCOEH, and American Express, Discover Card, Master Card or Visa. If paying by credit card, advance payments made online are encouraged. Meeting walk-ins are welcome.

CM Points: 1.0 ABIH Certification Maintenance Point per full day participation

Contact: Janet Wiiki CIH, CSP
ICU Environmental, Health & Safety
26022 Oak Ridge Drive
The Woodlands, Texas 77380
Telephone: (281) 363-9939
Fax: (281) 363-4744
E-mail: janet@icusafety.com

Reservations: **Reservations for meeting and lunch must be received no later than 10:00am on October 14th so proper catering arrangements can be made.** It is also very helpful to have an idea of the group size. Please let Janet Wiiki know if you plan to attend.

NOTE: You can now obtain the GHIHC Meeting Notice and RSVP to meetings on the ICU Web Site at:

www.icusafety.com

Look for notices to be posted approximately two weeks prior to the meeting date.

Greater Houston Industrial Hygiene Council

October 15, 2009

Managing Construction Safety Challenges: A Primer for the Industrial Hygienist

**Session Arranged by: Garlen F. Yeager, Jr., MPH, CIH, CSP
Texas Children's Hospital**

8:30-9:00 Registration

**9:00-9:10 Introduction and Announcements - Janet Wiiki CIH, CSP
Principal Consultant
ICU Environmental Health and Safety**

9:10-9:30 VISION 2010 – Anatomy of an Expansion Plan

Jill Pearsall will give an overview of VISION 2010, the Texas Children's Hospital 1.5 billion dollar expansion. The massive capital project poses several architectural, engineering, environmental, and safety challenges. Ms. Pearsall will provide a description of how the leadership at Texas Children's works with architects, and structural, mechanical and environmental engineers to ensure that every consideration is given to protecting its patients, employees, and the environment.

**Jill Pearsall, AIA
Director Facilities Planning and Development
Texas Children's Hospital**

9:30-10:30 Multi-faceted Construction Challenges

Diane Osan will review the architectural and engineering challenges of designing and building a zero-lot line 1.7 Million square foot hospital between Main and Fannin Streets. They will describe the unusual challenges including protecting adjacent streets and high-rise structures from construction and environmental damage. They will also review the complex engineering and safety challenges presented during the construction of a two-storied bridge crossing Fannin St. (and the Metrorail) to connect the new building with the existing hospital and outpatient building. They will provide an overview of the challenges associated with an excavation deeper than any surrounding area yielding unexpected volumes of subterranean water flows and how they have been addressed, and the successful de-fabrication and implosion of existing structures immediately adjacent to neighboring buildings.

**Diane Osan, AIA
Principal
FKP Architects**

10:30-10:45 BREAK

10:45-11:15 Construction Risk Management

Jim Stevenson will provide an overview of the risk management activities associated with multi-million dollar construction projects. He will describe the complex legal and insurance risks including workers compensation, environmental, engineering, and other aspects of construction risk management.

Jim Stevenson, PE, JD
President
WS Bellows Construction

11:15-11:45 Pursuit of OSHA Partner Status – A Construction Perspective

WS Bellows has achieved OSHA Partner status by virtue of its safety program. Tommy Lee will describe the processes necessary for achieving this status and the benefits associated with the program.

Tommy Lee
Safety Director
WS Bellows Construction

11:45-12:15 Group Discussion

12:15 – 1:15 LUNCH

1:15-2:15 Heat Stress Management – The Brutal Summer of 2009 and Beyond

During the summer of 2009 Houston experienced record breaking heat with nearly 100 days of temperatures reaching 100 degrees F and above. During this extreme summer the Maternity Center basement parking lot was under full construction. At nearly 60 feet below grade with tons of concrete curing, temperatures below grade were in excess of 120 degrees F. Mr. Lee will describe the methods his team employed to ensure worker safety.

Tommy Lee
Safety Director
WS Bellows Construction

2:15-2:45 Heat Stress PPE Demonstration

2:45-3:00 BREAK

3:00-3:45 Construction Safety – From the Client Hospital’s Perspective

Gary Matejka will provide an overview of the role that internal teams play to ensure a safe environment for our patients, visitors, and staff. Texas Children’s Hospital is a complex organization that focuses an enormous amount of attention on construction safety. Gary will provide his perspective on the administration of the Hot Work, Penetration, and Infection Control permitting to the administration of the Interim Life Safety Program.

Gary Matejka, CSP
Industrial Hygienist – EHS Team
Texas Children’s Hospital

3:45 – 4:30 Construction Challenges – “Building” a Program for Safety Performance

The construction industry is known to have one of the highest fatality rates in the U.S. Running a safe worksite is a challenge on simple construction sites. The construction of the Texas Children’s Maternity Center as evidenced by earlier speakers is incredibly challenging from planning to safety oversight. Mr. Lee will describe many of the safety initiatives that he and his team administer on a daily basis including crane safety, confined space, fall protection, PPE selection and use, accident investigation, and other programs.

Tommy Lee
Safety Director
WS Bellows Construction

4:30 ADJOURN