

# Greater Houston Industrial Hygiene Council

Thursday, August 15, 2019, 8:30am - 4:30pm

UTHealth Operations Center Building (OCB)

1851 Crosspoint, Ave., Houston, TX 77054

<http://bit.ly/swcoehce>



## **Agenda Producers**

**Gulf Coast Local Section of AIHA – CE Committee:**

**Jan Koehn, M.S., CIH; JK, Inc.**

**William M. Young, CIH, CSP; William M Young, LLC**

## **RESPIRABLE CRYSTALLINE SILICA (RCS) – CURRENT REALITY!**

- 8:30-8:50 Sign-in Desk Opens - Registration**  
Michelle McDaniel, Southwest Center for Occupational & Environmental Health
- 8:50-9:00 Welcome – Agenda Review**
- 9:00-10:00 Overview of OSHA RCS Standard 1910.1053**  
William M. Young, CIH, CSP; William M Young, LLC
- Current OSHA regulatory requirements related to occupational exposure assessment and other elements of the standard for discussion; site monitoring determinations; review and consideration of other elements including TB testing, etc.
- William “Brett” Perkison, MD, MPH, FACOEM, UTHealth School of Public Health SWCOEH, will be available during this session to provide information and answer questions from an occupational medicine physician’s perspective.
- 10:00-10:10 Break**
- 10:10-11:10 Contractor Perspective of OSHA Regulatory Development and Compliance re RCS Related to Concrete Cutting Field Operations and Existing Control Measures in Construction**  
Kellie Vasquez; Vice-President, Holes, Inc.
- Company health and safety considerations; impact of new OSHA standard on operations and business work activities for variety of Clients and different workplace settings; existing health and safety program challenges; consideration of various work practices; and, effectiveness and use of exposure control methods.
- 11:10–12:10 RCS Overview of Types and Uses of Silica and Laboratory Sample Analytical Considerations and Referenced Methods for Occupational Exposure Considerations**  
Lane Voorhies, A & B Laboratories
- Brief review of OSHA regulatory requirements and types of silica and health effects; presentation and discussion of published Sampling and Analytical Methods for RCS; laboratory considerations for sample analysis, data calculations and interpretation related to Exposure Assessment
- 12:10-1:00 Lunch**  
Southwest Center for Occupational & Environmental Health

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**1:00-2:00**      **IH Monitoring Data Review and Discussion from Field Site Investigations**  
**RCS – Drywall Application and Sanding; Concrete Cutting and Wet Saw/Drill Methods**  
Jan Koehn, M.S, CIH; JK, Inc. - President

Recent project monitoring data for airborne exposure assessment at local field sites with observations of work practices and procedures; equipment used and existing control measures; relative comparisons related to decrease of airborne exposures and use of PPE

**2:00-2:15**      **Break**

**2:15-3:15**      **Hand Injury Prevention**  
David R. Lee, ARM, CIH, CSP; Senior Consultant, Lockton Companies - Risk Control Consulting

Presentation of BLS hand injury statistics for noted industries will be outlined along with anatomy and physiology of the hand, and common types of injuries. Recommendations for preventing hand injuries and implementation of controls including basic properties and assistance with selection of gloves will be addressed. Discussion of important elements for inclusion in a written Hand Injury Prevention program related to care of the hands for optimum performance is also included.

**3:15-3:30**      **Break**

**3:30-4:30**      **Industrial Hygiene Technical Report Writing**  
David R. Lee, ARM, CIH, CSP; Senior Consultant, Lockton Companies - Risk Control Consulting

Presentation addresses importance of content and skill of Technical Report Writing. Various general results for technical reports including consideration of contents and components will also be discussed. Review of various sections of technical reports and different examples of IH report formats will also be presented.

*This event is provided by the Southwest Center for Occupational and Environmental Health (SWCOEH), through award no. T42OH008421 from the National Institute for Occupational Safety and Health (NIOSH) of the Centers for Disease Control & Prevention.*

*Thank you to the Gulf Coast AIHA CE Committee for service in agenda production and presentation.*

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