



Georgia Local Section AIHA Welding PDC



October 26, 2009
GTRI Conference Center
Atlanta, GA

One-Day Professional Development Course

Anticipation, Recognition, Evaluation and Control of Welding Health Hazards

Georgia Local Section-AIHA is pleased to host this highly acclaimed professional development course (PDC), taught by **Mike Harris, PhD, CIH, President, Hamlin & Harris, Inc., Baton Rouge, LA**. This course has been offered at AIHce and PCIH for the past six years and has been consistently rated in the **top 10 PDCs** out of nearly 100 courses offered each year. The course has been approved for 1 CM point by the ABIH (full day attendance is required).

The course describes common welding and thermal cutting processes and the health/safety hazards associated with these processes. Terminology used in the welding industry is incorporated throughout the PDC as a means of familiarizing participants with the vocabulary used in the workplace. Materials, thermal processes, and scenarios associated with potential for overexposures are described. Emphasis is placed on manganese and hexavalent chromium exposures as well as many other health and safety hazards. Suggestions for improving the quality of monitoring data are provided, as are suggestions for prioritizing exposure assessments. Ventilation techniques and respiratory protection options are also discussed.

Upon completion, the participant will be able to:

- Describe general health and safety hazards associated with welding and thermal cutting.
- Anticipate exposure scenarios associated with probable overexposure to welding fume constituents, particularly manganese and hexavalent chromium.
- Develop an exposure assessment strategy for welding and thermal cutting processes.
- Identify issues that need to be addressed during welding and thermal cutting in confined spaces and recognize and recommend effective ventilation for this work.
- Suggest process substitutions for mitigating welding fume exposures.

Don't miss this economy-friendly opportunity to earn CM points locally!

See next page for agenda and registration information.

Agenda

Monday, October 26, 2009 (8:30-5:00)

- 8:00 Registration
- 8:30 Introduction / Course Overview
- 9:00 Welding and cutting processes and associated health hazards.
- 10:00 *Break*
- 10:20 Welding and cutting cont...
- 11:20 Similar exposure groups and exposure assessment / monitoring.
- 12:20 *Lunch (provided)*
- 1:20 Results of special exposure assessments.
- 2:00 Control considerations.
- 2:45 *Break*
- 3:00 Ventilating confined spaces
- 4:00 Case studies, summary / Q&A

Copies of Dr. Harris' book: "Welding Health & Safety: A Field Guide for the OEHS Professional" are available for purchase by attendees at a reduced rate.

Course attendees receive a 15% discount by using the special order form provided on the GLS website at <http://www.georgiaaiha.org/>

(Please note that the book is not included in the course registration fee.)

-This publication is not required for the PDC-

PDC Location

Georgia Tech Research Institute (GTRI) Conference Center Auditorium
250 - 14th Street, NW
Atlanta, GA 30318
Parking is free in the attached parking deck.
Please visit the website www.georgiaaiha.org for updated directions.

Registration (Registration fees include lunch and course hand-out materials.)

Advanced PDC Registration (before October 19)	Late PDC Registration (After October 19)
Members: \$90	Members: \$115
Non-members: \$110*	Non-members: \$135*
*\$20 may be applied toward 2010 GLS membership	

You may register online at www.georgiaaiha.org (go to Events page)
Questions? Send email to: kristenb@gatech.edu