



Anticipation, Recognition, Evaluation and Control of Welding Health Hazards

*At
Future Inn's Halifax*

Wednesday, June 22, 2011

The Atlantic Provinces Section of the AIHA is pleased to announce its upcoming Spring 2011 Workshop.

This 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 described.

PDC Outcomes:

Upon completion, the participant will be able to:

- Describe general health and safety hazards associated with welding and thermal cutting
- Develop an exposure assessment strategy for welding and thermal cutting strategies
- Recognize and recommend effective ventilation for confined space welding and thermal cutting
- Identify issues that need to be addressed during welding and thermal cutting in confined spaces.

Introduction & Overview

Welding / Cutting Processes & Associated Health hazards

Metals and Associated Health Hazards

SEGs and Exposure Assessments

Case studies

Controlling exposures

Process Selection
Ventilation
PPE

PDC Instructional Methods

Instructional methods include power point presentation and group discussions.

Recommended Reading (not required)

Welding Health and Safety: A Field Guide for OEHS Professionals
ISBN 978-1-931504-28-7
Stock # SWEF02-490

Mike Harris, Ph.D. CIH

Mike Harris received an earned research Doctorate from Louisiana State University in 1979 and is President of Hamlin & Harris, Incorporated in Baton Rouge, Louisiana.

In 2003, his book, "Welding Health and Safety: A Field Guide for the OEHS Professional" was selected as "Critic's Choice" for best non-committee AIHA publication.

His welding experience includes:

- Teaching aircraft welding at the US ARMY Transportation School.
- Welding environmental test equipment for Ling Electronics
- Welding aircraft drop tanks at Royal Industries
- Welding pressure vessels for nuclear submarines at Aerojet General

This workshop will be of interest to Occupational Hygienists, Safety Professionals, Facility Managers, Architects, Engineers, Public Health Inspectors, Environmental Health Consultants and Occupational Health and Safety Consultants.

Cost: Member: \$200 per person
Non-Member: \$250 per person

Date: June 22, 2011

Where: Future Inns Halifax Hotel & Conference Centre
30 Fairfax Drive, Halifax, NS B3S 1P1
Phone: 902-443-4990

Session Schedule:

07:30 to 08:00	Registration (on site)
08:00 to 10:00	Session
10:00 to 10:15	Nutrition Break
10:15 to 12:00	Session
12:00 to 13:00	Lunch (provided)
13:00 to 14:30	Session
14:30 to 14:45	Nutrition break
14:45 to 16:30	Session
16:30 to 17:00	Questions/Wrap up

Note: A general membership meeting will be held in conjunction with the seminar. The time and location will be announced at a later date. All AIHA-APS members are welcome to attend.



The AIHA Mission

AIHA promotes, protects, and enhances industrial hygienists and other occupational health, safety and environmental professionals in their efforts to improve the health and well being of workers, the community, and the environment.

The AIHA Vision

To be a recognized worldwide leader in promoting excellence in occupational and environmental health and safety.

Core Values

- Prevention of occupational disease and injury is the foundation of our profession
- The right of workers and the community to a healthy and safe environment
- Active collaboration among allied OHSE professionals is essential
- The anticipation, recognition, evaluation and control of hazards arising from the workplace
- A sound scientific basis for action and policy development
- That good business and good occupational health and safety are linked
- Respect for diversity of opinion and open communication
- Consideration of the time commitment we require from our volunteers

AIHA - Atlantic Provinces Section

The AIHA - Atlantic Provinces Section is comprised of Industrial Hygienists and other occupational health and safety professionals and people who are interested in occupational and environmental health and safety. Members come primarily from the four Atlantic Provinces with a few members from other provinces. Our section was formed on April 14, 1989. It provides an opportunity for networking and professional development amongst the industrial hygiene community in the Atlantic Provinces that was, and is, thinly dispersed over a large geographic area. Formation of the local section also provided an opportunity for outreach and education to promote occupational health and safety and the industrial hygiene profession. For more information visit our website at <http://www.aihaaps.ca>