



Society for Chemical Hazard Communication
Professional Development Training

Advanced Topics in EHS:
Engineering Controls and Personal Protective Equipment Selection

Monday, September 28, 2015
Marriott Crystal Gateway Hotel Arlington, Virginia

Course Description

The *Advanced Topics in EHS* series of courses were designed to expand on topics that are introduced in the basic SCHC courses. The topic personal protective equipment (PPE) and engineering controls was introduced in the SCHC course *Industrial Hygiene and Safety for the Hazard Communicator*.

The goal of this course is to provide a more detailed look at the information needed to complete Section 6-8 of the MSDS including various considerations in the use of engineering controls and personal protective equipment in controlling exposures in the workplace. Both normal operations and emergency situations such as fire and accidental releases will be discussed. As hazard communicators, we often write MSDS that contain little useful guidance to our end-users on how to protect themselves from chemical exposures in the workplace. Since the purpose of MSDS and labels is not only to communicate hazards but to recommend control measures that will protect workers from these hazards, improvement in quality of this information should be a goal of the MSDS author.

To assure that participants receive a greater understanding in the use of PPE, samples of the different types of gloves, eye and face protection, protective clothing and respirators will be modeled and available for inspection.

In addition to presenting information on the concepts of engineering controls and the use and selection of PPE, information resources to assist in the development of these recommendations for the MSDS will be presented in detail. OSHA, NIOSH, PPE manufacturer's websites and other resources will be reviewed.

The final topic of the course will be examples of MSDS sections 6-8, what information should be included, how much detail is appropriate and a discussion of the liability issues.

This is considered to be an advanced course for hazard communicators and MSDS authors but is not intended to be an advanced industrial hygiene course. While there are no formal prerequisites for this course, it is strongly recommended that participants have a working knowledge of MSDS and labels and that they have either taken the SCHC course *Industrial Hygiene and Safety for the Hazard Communicator* or that they are comfortable with the basic principles of industrial hygiene.

Intended Audience

Hazard communication professionals looking to strengthen their understanding of the use of engineering controls and PPE in the workplace and improve their MSDS recommendations in these MSDS sections.



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Course Director/Instructor



Denese A. Deeds, CIH, FAIHA

Denese Deeds is the Director of Chemical Regulatory Services and co-founder of Industrial Health & Safety Consultants, Inc. In this role she prepares MSDS and other hazard communication documents and assists companies with overall chemical regulatory compliance. Denese worked for several large companies as an industrial hygienist before focusing her consulting career on hazard communication. She is an active member of the AIHA Stewardship and Sustainability Committee at AIHA and co-chair of the SCHC Outreach Committee.

Course Fee

\$250.00 for members
 \$340.00 for non-members

Course Topics and Schedule (Subject to Change)

Monday, September 28, 2015

8:00 – 8:30	Registration / Continental Breakfast
8:30 – 8:45	Occupational exposures – how are they evaluated?
8:45 – 9:15	Engineering Controls
9:15 – 9:45	Respiratory Protection
9:45 – 10:15	Gloves and Skin Protection
10:15 – 10:30	Break
10:30 – 10:45	Eye and Face Protection
10:45 – 11:00	Other PPE Issues: Infectious Materials, Intended End Use, Trade Secret Issues
11:00 – 11:15	Spill Response
11:15 – 11:30	Handling and Storage Controls
11:30 – 12:00	MSDS Examples and Sources of Information



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Registration

Admission to the course will be on a first come basis. Payment must be received by August 28, 2015, to secure your space. Space is limited.

Fill out the registration form located on SCHC's website: <http://www.schc.org>

SCHC accepts checks, Visa, MasterCard and American Express.

Cancellation Policy

No refunds will be given after August 28, 2015. No one will be admitted to the course unless all fees have been paid in advance. Substitutions are permitted. Every effort has been made to ensure the information in this brochure is accurate. SCHC reserves the right to modify this course without prior notice or to cancel the course 30 days prior to the course date. In the event this course is canceled, SCHC's obligation is limited to a full refund of the course fee.

Hotel Accommodations

Arrangements have been made for a block of rooms at the Marriott Crystal Gateway Hotel – 1700 Jefferson Davis Highway, Arlington, Virginia 22202 (703.920.3230). The rate is \$184/night single or double occupancy through September 4, 2015. You must identify yourself with SCHC by using Group code chemical hazard when making reservations.