



Society for Chemical Hazard Communication  
Professional Development Training

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

Monday, September 24, 2018  
Crystal Gateway Marriott 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 SDS 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 SDS that contain little useful guidance to our end-users on how to protect themselves from chemical exposures in the workplace. Since the purpose of SDS and label are 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 SDS 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 SDS 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 SDS 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 SDS 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 SDS 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 SDS recommendations in these SDS sections.



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**Course Director / Instructor**



**Denese A. Deeds, CIH, FAIHA, SDSRP**

Denese Deeds is the Director of Chemical Regulatory Services and co-founder of Industrial Health & Safety Consultants, Inc. In this role she prepares SDS 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.

**Course Instructor**



**Chandra Deeds Gioiello, MS, CIH, SDSRP**

Chandra Gioiello is the Vice-President of Industrial Health & Safety Consultants, Inc. She authors SDS and assists clients in compliance with international chemical regulations. She has worked as a consultant and in industry in roles as an industrial hygienist and hazard communicator. She is the chair of the SCHC Social Media Committee, and is active with the AIHA Communications and Training Methods Committee and Mentorship Committee.

<b>Course Fee:</b>	\$275.00 / Members	\$365.00 / Non-members
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**Course Topics and Schedule  
(Subject to Change)**

**Monday, September 24, 2018**

12:30 – 1:00	Registration
1:00 – 1:45	Occupational exposures – how are they evaluated?
1:45 – 2:15	Engineering Controls
2:15 – 2:45	Respiratory Protection
2:45 – 3:15	Gloves and Skin Protection
3:15 – 3:30	Break
3:30 – 3:45	Eye and Face Protection
3:45 – 4:00	Other PPE Issues: Infectious Materials, Intended End Use, Trade Secret Issues
4:00 – 4:15	Spill Response
4:15 – 4:30	Handling and Storage Controls
4:30 – 5:00	MSDS Examples and Sources of Information

**Registration**

Admission to the course will be on a first come basis. Payment must be received by August 17, 2018, 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 17, 2018. 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 Crystal Gateway Marriott Hotel – 1700 Jefferson Davis Highway, Arlington, Virginia – 703-920-3230. The rate is \$207/night single or double occupancy through August 31, 2018. Use the online [reservation link](#); or identify yourself with SCHC (group code SCH).