



Globally Harmonized System Hazard Communication Standard Training Materials

On May 26, 2012, the Occupational Safety and Health Administration's (OSHA's) Hazard Communication Standard (HCS) was revised to align with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This update to the Hazard Communication Standard (HCS) provides a common and coherent approach to classifying chemicals and communicating hazard information on labels and safety data sheets. Major changes in the standard were made in the areas of hazard classification, labeling, safety data sheets, and information and training. The revised standard is intended to improve the quality and consistency of hazard information in the workplace, making it safer for workers by providing easily understandable information on appropriate handling and safe use of hazardous chemicals. All employers, including the Department of Energy (DOE) and its contractors, with hazardous chemicals in their workplaces must comply with the standard, 29 CFR 1910.1200, including the requirement to train workers by December 1, 2013 on the new label elements and Safety Data Sheet (SDS) format.

Soon after the revised HCS appeared in the Federal Register, the DOE Office of Health, Safety and Security (HSS), the Energy Facility Contractors Group (EFCOG), the Industrial Hygiene/Occupational Safety Special Interest Group (IH/OS SIG), representatives of labor organization grantees of the National Institute of Environmental Health Sciences, and the DOE Volpentest HAMMER Training and Education Center partnered to assemble training materials needed for the revised HCS. The group enlisted professionals within the DOE community to produce needed materials to help sites address specific technical and training gaps in current site Hazard Communication programs created by the revised HCS. These technical and training materials are now available for use by the DOE community. The technical materials include detailed information about SDSs, pictograms, and labels. The training materials focus on the changes in the standard, i.e., labels, pictograms, and SDSs. The training materials include an interactive-online version, as well as a static (screen shot) version of the online version; and an instructor-led classroom version with a lesson plan and exercises. These materials may be used as is, or can be modified to fit a site's specific needs.

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Links to these training materials have been posted on the IH/OS SIG web site at:

<http://orise.ora.gov/ihos/hottopics/training.htm> and on the EFCOG website at:

http://efcog.org/wg/esh_cslm/index.htm. The training materials are Rehabilitation Act §508 compliant; you are responsible for §508 compliance if you modify the materials to fit your site's needs. (For more information about this initiative, please contact David Weitzman [DOE, HSS] at: David.Weitzman@hq.doe.gov or Dina Siegel [LANL] at: dinas@lanl.gov.