



*We're about service, commitment, results, and accountability!*

*Our Weekly Safety Tip provides valuable and current safety information relevant for Work, Home & Play.*

*And, you will be kept current on the latest Safety Compliance issues.*



**SCI SAFETY NEWS OR TIP**



**SCI OSHA NEWS OR COMPLIANCE**



**SCI HEALTHYLIVING and WELLNESS NEWS**

**We want to hear from you! Send us your feedback and give us ideas for future safety topics.**

**Let us know how you feel about our new look!**

**Safety Slogan**

**Dare to be aware.**

**James Lehrke-SCI**

**of the week**

## SCI Safety News: What's the DOL Worker Safety and Health App Challenge and How Can You Enter?

Sources: <http://www.blr.com>

Date: July 23, 2012

*The U.S. Department of Labor has issued a challenge to safety professionals. What's it all about and how can you get involved?*

The contest is called the DOL Worker Safety and Health App Challenge, and its purpose is to help OSHA build tools to educate young workers about safety in the workplace.

Why this challenge now? DOL says it's because:

- Roughly 18 million workers in the United States are 24 years old or younger and constitute almost 15 percent of the workforce.
- In 2009, 359 workers between the ages of 13 and 24 died from work-related injuries. In addition, there were over 800,000 non-fatal work-related injuries that required medical attention.
- The rate of emergency room treated occupational injuries is double for workers under the age of 25 in comparison to those 25 years and older.

### How the App Challenge Works

The challenge is to use publicly available government information (i.e., DOL/OSHA data, NIOSH data, and other online government resources) to educate young workers on the safety and health risks in real work scenarios.

Each submission should achieve *both* the following goals:

- **Provide tools that demonstrate the importance of knowing about workplace safety and health hazards.** These features should include components that inform young workers about health and safety hazards in the workplace and the serious consequences of workplace injury. Information on safety and health from OSHA, Bureau of Labor Statistics, NIOSH, state workers' compensation data, and/or other government sources must be incorporated to create real world scenarios. Additional suggested features include tools that bring awareness to best management practices, such as engineering controls and PPE.
- **Provide tools to understand their rights in the workplace.** The features should include components that help young workers become aware about their rights in the workplace and their employer's responsibility to ensure their health and safety on the job. The content and type of application must be age appropriate, and should also feature mechanisms for users to interact or share with each other.

In addition, submissions should:

- Be creative, innovative, and easy to use
- Provide access to important data and resources
- Attract users with different skill sets and language preferences
- Consider partnerships that will ensure sustainability of the app
- Target the 13 to 24 age group (but may also cover a larger demographic as worker's ages range from 13 to 65+)

Successful apps could take many different forms, such as:

- Interactive and informative games
- Social or professional networks
- Data visualization

Submissions may be designed for Internet browsers, smartphones, feature phones, social media platforms, or as native Windows or Macintosh applications.

#### Prizes

Prizes for winning submissions include a:

- Grand Prize (\$15,000)
- Safety and Health Data Award (\$6,000)
- Workers' Rights Award (\$6,000)
- People's Choice Award (\$3,000)

#### Timeline

The timeline for the contest is as follows:

1. Submission period ends September 16
2. Public voting runs until September 16
3. Judging will be held September 17-28
4. Winners will announced on October 3

## SCI OSHA Compliance: OSHA has aligned the Hazard Communication Standard to the GHS

Source: <http://www.wmc.org/programs/wisconsin-safety-council/>

Date: July 28, 2012

*The Hazard Communication Standard in 1983 gave the workers the 'right to know,' but the new Globally Harmonized System gives workers the 'right to understand.'*

The Hazard Communication Standard (HCS) is now aligned with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This update to the Hazard Communication Standard (HCS) will provide a common and coherent approach to classifying chemicals and communicating hazard information on labels and safety data sheets. Once implemented, the revised standard will 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. This update will also help reduce trade barriers and result in productivity improvements for American businesses that regularly handle, store, and use hazardous chemicals while providing cost savings for American businesses that periodically update safety data sheets and labels for chemicals covered under the hazard communication standard.

OSHA is requiring that employees are trained on the new label elements (e.g., pictograms and signal words) and SDS format by December 2013, while full compliance with the final rule will begin in 2015. While many countries are in various stages of implementing the GHS, OSHA believes that it is possible that American workplaces may begin to receive labels and SDSs that are consistent with the GHS shortly after publication. Thus, making it important to ensure that when employees begin to see the new labels and SDSs in their workplaces, they will be familiar with them, understand how to use them, and access the information effectively.

#### Major Changes to the Hazard Communication Standard:

- **Hazard classification:** Provides specific criteria for classification of health and physical hazards, as well as classification of mixtures.

- **Labels:** Chemical manufacturers and importers will be required to provide a label that includes a harmonized signal word, pictogram, and hazard statement for each hazard class and category. Precautionary statements must also be provided.
- **Safety Data Sheets:** Will now have a specified 16-section format.
- **Information and training:** Employers are required to train workers by December 1, 2013 on the new labels elements and safety data sheets format to facilitate recognition and understanding.

#### What you need to do and when:

- **Chemical users:** Continue to update safety data sheets when new ones become available, provide training on the new label elements and update hazard communication programs if new hazards are identified.
- **Chemical Producers:** Review hazard information for all chemicals produced or imported, classify chemicals according to the new classification criteria, and update labels and safety data sheets.

§ **Other U.S. Agencies:** The Department of Transportation (DOT), Environmental Protection Agency, and the Consumer Product Safety Commission actively participated in developing the GHS. DOT has already modified its requirements for classification and labeling to make them consistent with United Nations transport requirements and the new globally harmonized system.

§ **Global implementation:** The new system is being implemented throughout the world by countries including Canada, the European Union, China, Australia, and Japan.

§ **Additional information:** More information on the hazard communication standard, including the link to the Federal Register notice, can be found on OSHA's hazard communication safety and health topics page at [www.osha.gov/dsg/hazcom/index.html](http://www.osha.gov/dsg/hazcom/index.html).

<http://www.osha.gov/as/opa/facts-hcs-ghs.html>

[http://www.nsc.org/news\\_resources/nsc\\_publications/Documents/oshaUpToDate/osha.06.12.pdf](http://www.nsc.org/news_resources/nsc_publications/Documents/oshaUpToDate/osha.06.12.pdf)

<http://www.osha.gov/dsg/hazcom/>

## HEALTHY BITES

Quick Tips for Healthy Living

PREVEA  
Health & Wellness

### Nutrition and Weight Loss Part 3

In the Appetite study, people were given dishes, like lasagna, chili or sloppy joes made with mushrooms one week, and made with beef the next. Participants rated the meatless meals just as tasty and filling as the beef ones. Plus, it's a great way to ease antioxidant-rich veggies into your kids' meals. Research shows that some types of mushrooms, like cremini and portobello, have just as many good-for-you chemicals in them as brightly colored vegetables do. White button mushrooms are no slouches either; while we do not know the implications in humans, scientists at Tufts University found that these ordinary guys help fortify the cells of the immune system.

- Boost your fat-burning ability by switching your salad dressing to vinaigrette. A daily dose of vinegar helps get rid of body fat
  - Want to rev up your body's fat-burning engine? Add a couple of tablespoons of vinegar to your daily diet. Research shows that obese people who took one to two tablespoons of apple cider vinegar a day dissolved more body fat than those who were on an identical vinegar-free diet. According to the study, the tart condiment packs a one-two punch for people trying to shed their love handles. Not only does it help the body burn fat, it also makes it harder for the body to store it. Though two tablespoons of vinegar a day may help keep fat away, it should not replace a sensible diet or exercise — your golden road to sustained weight loss. When dieters stopped taking vinegar, their levels of body fat returned to their pre-study levels within just four weeks



What do you think?  
Send us an email at:  
[jconnections@aol.com](mailto:jconnections@aol.com)  
See our bold new look @  
<http://www.safetyconnections.com/>

*In Loving  
Memory of Jessica Lefirke*