Session 2: Compliance With Occupational Health Standards (1.0 hour)

Lesson Plan

Overview

This session provides students with a basic overview of OSHA’s industrial hygiene (occupational health) compliance standards. Topics to be covered include:

- Hazard Communication
- Hearing Conservation
- Air Contaminants
- Respiratory Protection
- Personal Protective Equipment
- First Aid And Bloodborne Pathogens Control

In this lesson, students will clarify the division of responsibility between the host employer and the staffing agency, with respect to the fulfillment of OSHA requirements. Students will be encouraged to share lessons learned and best practices in setting up contractual agreements between host employer and staffing agencies. Students will explore a management model in which generic programmatic training is provided at a staffing agency and site-specific hazard training is provided at the hosting site. The “Notes Section” of the slides has additional information to be used by the Trainer. The resource documents listed in the last section of the lesson plan should be carefully reviewed by the trainer and used as applicable.

Lesson Objectives

Upon completion of this topic students will be able to explain the OSHA requirements for:

1. Hazard Communication
2. Hearing Conservation
3. Air Contaminants
4. Respiratory Protection
5. Personal Protective Equipment
6. Bloodborne Pathogens
Training Resources

- PowerPoint Presentation: *Compliance with OSHA Health Standards: Overview* with instructor’s notes
- Model Compliance Programs (see Resources/Web Sites, below)
- LCD Projector, screen (if needed), computer, and/or flip chart/white board with markers
- Internet access (if available)
- Mobile Device: Sound Level App
- Samples of IH equipment, as available
- Variety of respirators, as available
- Engineered medical sharps, as available

Activities and Classroom Procedures

1. PowerPoint slides
2. Class discussion of key concepts
3. Facilitation of interchange of ideas among participants

Lesson Roadmap

1. Introduction of IH Topics and Hazard Communication
   a. Slides to be used: 1-10
   b. Objectives Covered: 1
   c. Exercise/Demos: None
   d. Training Aids: PowerPoint slides

2. Hearing Conservation
   a. Slides to be used: 11-14
   b. Objectives Covered: 2
   c. Exercise/Demos: Use Sound Level App to demonstrate OSHA Action Level for noise
   d. Training Aids: Use of PowerPoint slides, Hearing Conservation Guidelines (part of Model Compliance Programs, see Resources/Web Sites below)

3. Air Contaminants
   a. Slides to be used: 15-29
   b. Objectives Covered: 3
   c. Exercise/Demos: Demonstrate basic IH air sampling equipment and media
   d. Training Aids: PowerPoint slides
4. Respiratory Protection
   a. Slides to be used: 30-34
   b. Objectives Covered: 4
   c. Exercise/Demos: Demonstrate basic types of respiratory protection
   d. Training Aids: PowerPoint slides; Model Respirator Program (see Resources/Web Sites, below)

5. Personal Protective Equipment
   a. Slides to be used: 35-40
   b. Objectives Covered: 5
   c. Exercise/Demos: Demonstrate use of PPE hazard assessment form
   d. Training Aids: PowerPoint slides

6. Bloodborne Pathogens
   a. Slides to be used: 41-46
   b. Objectives Covered: 6
   c. Exercise/Demos: Demonstrate safety engineered medical sharps
   d. Training Aids: PowerPoint slides

Evaluation and Assessment
   a. Interactive discussion, exchange, demonstration of concepts

Resources/Web Sites

• Model Compliance Programs: Georgia Onsite OSHA Consultation
  o http://oshainfo.gatech.edu/written.html
• OSHA Web Page – www.osha.gov
• Specific OSHA Web Pages:
  o https://www.osha.gov/SLTC/noisehearingconservation/index.html
  o https://www.osha.gov/SLTC/bloodbornepathogens/index.html
  o https://www.osha.gov/dsg/hazcom/index.html
• National Institute for Occupational Safety and Health
  o http://www.cdc.gov/niosh/
• Health and Safety Executive, UK
  o http://www.hse.gov.uk/