

2011 OSHA Susan Harwood Capacity Building Grant
SH22297-SH1

Mold Safety Awareness Lesson Plan

Course Time: 120 Minutes

Course Description:

This course is taught in accordance with the Occupational Health and Safety Administration Code of Federal standards; General Industry Standards 29 CFR 1910.141, 29 CFR 1926.51, Florida Statute Chapter 486. This course is taught to inform participants on the dangers of Mold. Currently; there are no federal standards or recommendations, (e.g., OSHA, NIOSH, and EPA) for airborne concentrations of mold or mold spores. The course is intended to train and/or retrain company employees in the essential skills and knowledge for non-professional emergency procedures in Mold Hazards. This class presents the requirements for practices and procedures to protect employees in general industry and construction from the hazards of Mold.

Upon successful completion of this course the participant will receive a course certificate.

Course Requirements: Full attendance

Step 1: Planning the Lesson

Instructional Materials:

- Audio-visual equipment
- Instructional Notes
- Training DVD
- Power point presentation
- Student Hand outs
 - Handout #1 Mold Safety Awareness Presentation
 - Handout #2 Mold Fact Sheet
 - Handout#3 OSHA Preventing Mold Publication
 - Certificate of Completion for students and company

Learning Objectives:

1. Participants will identify, define, describe, and
 - Examine the “basics” of mold
 - Analyze health hazards associated with mold
 - Identify and recognize safety hazards
 - Describe fundamental protective measures
 - Interpret rules and regulations regarding mold

Step 2: Presenting the Lesson

Introduction: (10 minutes)

- Introduce yourself
- Include name
- Title & Experience / Credentials
- Explain facility emergency action plan procedures
- Discuss classroom rules
- Start the lesson with an “ice breaker” such as an applicable story to capture the participant’s attention, etc.

Class Power Point Presentation: (45 Minutes)

- Definitions of Mold Hazards
- Precautions and Procedures abatement With Mold
- Personal Protective Equipment
- How to protect themselves and others
- Proper signage

Classroom Participant Discussion Activity: (40 Minutes)

- Show Mold Hazards
- Participants will then be broke into teams
- Each team will analyze and draft recommended safety audit corrections based on the
- Each team will use a portable white board to document noted safety hazards & corrections
- Each team will present their safety hazards & solutions to the class

Course Review: (15 Minutes)

- Define a Mold Spores
- Dangers of a Mold
- Basic Terminology
- How to protect themselves and others
- Proper signs
- Resources

Participant Critiques & Evaluation: (10 Minutes)

- Student will complete a course critique
- Evaluation: Monitor participant non-verbal and verbal reactions

References:

- **OSHA Publication:** http://www.osha.gov/Publications/preventing_mold.pdf
- **Mold Resources, EPA:** <http://www.epa.gov/mold/moldresources.html>
- **2009 Florida Statutes Chapter 486:**
http://www.leg.state.fl.us/Statutes/index.cfm?App_mode=Display_Statute&Search_String=&URL=0400-0499/0468/Sections/0468.8413.html

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