

Sample Lesson Plan
Construction Training Program (10-hour)
Personal Protective Equipment (PPE)

Introduction

Workplace hazards can be controlled through:

- Engineering Controls
- Work Practice Controls
- Personal Protective Equipment

PPE is the last resort if engineering and work practice controls are not feasible or do not provide adequate protection.

Instructor's activities

- PowerPoint presentation.
- Discuss 29CFR 1926 Subpart E
- Participant feedback

Learning Objectives and Outcomes

I. Engineering Controls

- A. Isolate or enclose process
- B. Substitute less hazardous material
- C. Change the process
- D. Consider design specifications

II. Work Practice Controls

- A. Use of wet methods to suppress dust
- B. Personal hygiene
- C. Housekeeping and maintenance
- D. Job rotation of workers

III. PPE Training

- A. How the protection works and what its limitations are
- B. When and how to wear the PPE
- C. How to clean and disinfect the PPE
- D. How to identify signs of wear
- E. What the useful life is and how to dispose of unuseable equipment

IV. Employer PPE Program

- A. Uses engineering and work practice controls to eliminate or reduce hazards before using PPE
- B. Assesses the workplace for hazards
- C. Selects appropriate PPE to protect employees from hazards that cannot be eliminated
- D. Informs employees about why the PPE necessary and when it must be worn
- E. Trains employees in proper use and care of PPE
- F. Requires employees to wear PPE as protection from identified and likely hazards

References

OSHA Standard: 29 CFR 1926 Subpart E (1926.95 to 1926.107)

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10909

OSHA Publications

www.osha-slc.gov/OshDoc/Additional.html

- 3077 Personal Protective Equipment
- 3080 Hand and Power Tools
- 3151 Assessing the Need for Personal Protective Equipment: A Guide for Small Business Employers

OSHA References/Resources

- Construction Safety and Health Outreach Program
www.osha-slc.gov/doc/outreachtraining/htmlfiles/subparte.html
- Electronic Library of Construction Occupational Safety and Health - Physical Hazards - Noise
www.cdc.gov/elcosh/docs/hazard/physical.html
- OSHA Technical Links - Construction: Laser Hazards
www.osha-slc.gov/SLTC/constructionlaserhazards/index.html
- OSHA Technical Links - Construction: Personal Protective Equipment
www.osha-slc.gov/SLTC/constructionppe/index.html

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