

PERSONAL PROTECTIVE EQUIPMENT

Supplement to Standard Training Module

TRAINING REQUIREMENTS OVERVIEW

This standard Vivid training module provides a general overview of Personal Protective Equipment (PPE). This training **must** be provided to general population employees.

In addition to this general overview, employees ***must*** receive facility-specific information. This additional training ***must*** cover:

- Policies and procedures regarding when and where PPE must be used
- Where PPE can be obtained, and how to use the PPE
- Reimbursement programs available for employee purchase of PPE
- Materials (and reference to MSDS) that employees work with requiring specific PPE

Employees that wear respirators require specific training for respiratory protection beyond this training module.

Frequency: Training ***must*** be provided to affected employees:

- Upon initial assignment of work
- Changes in the workplace render the training obsolete
- Changes in the types of PPE to be used render the training obsolete
- Inadequacies in an affected employee's knowledge or use of assigned PPE indicates that the employee has not retained necessary understanding or skill.

GENERAL OVERVIEW OF THE STANDARD

PURPOSE: To protect employees from hazards present in the workplace through the proper selection and use of personal protective equipment.

PERSONAL PROTECTIVE EQUIPMENT GENERAL REQUIREMENTS – 29 CFR 1910.132

1. **SCOPE:** Applies to all facilities covered under OSHA's Occupational Safety and Health Standards for General Industry.
2. **APPLICATION:** Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers shall be provided, used and maintained in a sanitary and reliable condition whenever it is necessary based on hazards present in the workplace.
3. **EMPLOYEE OWNED EQUIPMENT:** Where employees provide their own protective equipment, the employer shall be responsible to assure its adequacy, including proper maintenance, and sanitation of such equipment.
4. **DESIGN:** All personal protective equipment shall be of safe design and construction for the work to be performed.
5. **HAZARD ASSESSMENT AND EQUIPMENT SELECTION:** Requirements are stated for:
 - Workplace hazard assessments
 - PPE selection
 - Documentation and certification of assessments
6. **DEFECTIVE AND DAMAGED EQUIPMENT:** Defective or damaged personal protective equipment shall not be used.
7. **TRAINING:** Requirements are stated for required employee PPE training, including:
 - When PPE is necessary
 - What PPE is necessary
 - How to properly don, doff, adjust, and wear PPE
 - Limitations of the PPE
 - Proper care, maintenance, useful life and disposal of the PPE

EYE AND FACE PROTECTION - 29 CFR 1910.133

1. GENERAL: Requirements are stated for use of appropriate eye or face protection when exposed to eye or face hazards from:

- Flying particles
- Molten metal
- Liquid chemicals
- Chemical gases or vapors
- Potentially injurious light radiation

The standard contains specific filtering requirements for filter lenses used for protection against radiant energy.

2. CRITERIA FOR PROTECTIVE EYE AND FACE DEVICES: are referenced (protective eye and face devices shall comply with ANSI Z87.1)

RESPIRATORY PROTECTION - 29 CFR 1910.134

The use of respiratory protection may be required if the concentration of airborne contaminants exceeds the OSHA Permissible Exposure Limit. OSHA's respiratory protection standard covers specific requirements including the following:

- The development of a written Respiratory Protection program
- Selection of respirators
- Medical evaluations
- Fit testing
- Use of respirators
- Maintenance and care of respirators
- Breathing air quality and use
- Identification of filters, cartridges, and canisters
- Training and information
- Program evaluation
- Recordkeeping

Please refer to the training module dedicated to Respiratory Protection for more specific information.

HEAD PROTECTION - 29 CFR 1910.135

1. GENERAL: Requirements are stated for use of appropriate head protection when working in areas where there is a potential for injury to the head from falling objects.
2. CRITERIA FOR PROTECTIVE HELMETS: are referenced (protective helmets shall comply with ANSI Z89.1)

FOOT PROTECTION - 29 CFR 1910.136

1. GENERAL: Requirements are stated for use of protective footwear when working in areas where there is a danger of foot injuries due to falling or tolling objects.
2. CRITERIA FOR PROTECTIVE FOOTWEAR: are referenced (protective footwear shall comply with ANSI Z41)

ELECTRICAL PROTECTIVE EQUIPMENT - 29 CFR 1910.137

1. DESIGN REQUIREMENTS: Requirements are outlined for:
 - Gloves
 - Insulating blankets
 - Matting
 - Covers
 - Line hose
 - Sleeves made of rubber

Requirements are described in the standard for the above equipment regarding:

- Manufacturing specifications and marking
 - Electrical insulation and testing
 - Workmanship and finish
2. IN-SERVICE CARE AND USE – Requirements for maintenance and use are detailed. The standard contains specific requirements for:
 - Insulating blankets
 - Covers
 - Line hose

- Gloves
- Sleeves made of rubber

HAND PROTECTION - 29 CFR 1910.138

1. GENERAL: Requirements are stated for selection and use of appropriate hand protection when employees' hands are exposed to hazards such as those from skin absorption of harmful substances, severe cuts or lacerations, severe abrasions, punctures, chemical burns, thermal burns, and harmful temperature contacts.
2. SELECTION: Requires that selection of the appropriate hand protection is based on an evaluation of the performance characteristics of the hand protection relative to:
 - Task(s) to be performed
 - Conditions present
 - Duration of use
 - Identified actual and potential hazards

REFERENCE MATERIALS

Publications

Personal Protective Equipment

Publication # 3077

Can be downloaded at:

<http://www.osha.gov/Publications/OSHA3077/osha3077.html>

Assessing the Need for Personal Protective Equipment: A Guide for Small Business Employers

Publication # 3151

Can be downloaded at: <http://www.osha.gov/Publications/Osha3151.pdf>

Website

OSHA website:

<http://www.osha.gov/SLTC/personalprotectiveequipment/index.html>