

# Personal Protective Equipment (PPE)

**SCS**  
S.C. SWIDERSKI LLC



# Session Objectives

You'll be able to:

---

- Identify and understand types of PPE
- Explain the employers' responsibilities regarding PPE
- Explain the employees responsible regarding PPE



# Introduction



- SCS strives to maintain a safe working environment for all employees from workplace hazards
- Part of that process is providing clothing and equipment that will protect you from hazards
- Personal protective clothing and equipment, commonly referred to as PPE, is critical to your ability to stay uninjured and free from occupational illness
- Federal OSHA requires PPE as a defense against hazards

# OSHA Mandate

Protective equipment shall be provided, use and maintained in a sanitary and reliable condition whenever it is necessary by reason of hazards of processes or environment, chemical hazards, radiological hazards or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body through absorption, inhalation, or physical contact.





# Types of PPE

- **Electrical protection**
  - Clothing and boots are usually made of rubber, which resists electricity
  - Hats are usually made of formed plastic
  - Check PPE carefully to be sure it's not damaged
- **Head protection**
  - A helmet or hard hat is required when there's a risk of falling objects
  - Many hats also protect you from electrical shock
  - **NEVER** wear aluminum headgear around electricity
  - Metal is an electrical conductor and could be a deadly mistake in such instances



# Types of PPE (Cont.)



- **Eye and Face Protection**
  - Safety glasses and goggles can protect against flying particles, molten metal, liquid chemicals, acids, chemical vapors, etc.
- **Respiratory Protection**
  - Respirators must be worn when there is a risk of inhaling harmful substances
  - The type of respirator worn depends on the type and level of hazard



# Types of PPE (Cont.)

- **Hearing Protection**
  - Earmuffs, earplugs, or canal caps must be worn when the level of noise is harmful and could damage your hearing
- **Hand and Body Protection**
  - Leather or canvas gloves – protects against burns or cuts
  - Metal mesh gloves – protects against sharp or rough objects
  - Rubber gloves and insulating sleeves – protection against electrical shock or burns
  - The same limitations apply to protective clothing



# Types of PPE (Cont.)



- **Foot protection**
  - Safety footwear should be sturdy and have an impact-resistant toe.
  - Impact protection when handling heavy materials that could be dropped.
  - Compression protection when you work around objects that could roll over your feet.
  - You also need protection from sharp objects on the floor that could pierce the soles of your footwear.
- **Fall protection**
  - Fall arrest systems must be worn when working on an elevated surface or platform.



# Training

- Each employee who is required to use PPE must be trained to know:
  - When PPE is necessary
  - What PPE is necessary
  - How to properly put on, take off, adjust, and wear the PPE
  - The limitation of the PPE
  - Proper care, maintenance, useful life, and disposal of PPE





# Training

- Employers should make sure that each employee demonstrates an understanding of the PPE training as well as the ability to properly wear and use PPE before they are allowed to perform work requiring the use of the PPE. If an employer believes that a previously trained employee is not demonstrating the proper understanding and skill level in the use of PPE, that employee should receive retraining. Other situations that require additional or retraining of employees include the following circumstances: changes in the workplace or in the type of required PPE that make prior training obsolete.”
- Source: Personal Protective Equipment (2004), OSHA 3151-12R,  
<https://www.osha.gov/Publications/osha3151.pdf>





# Responsibilities

- The employer is required to:
  - Perform hazard assessment
  - Provide appropriate PPE
  - Train employees
  - Maintain/replace PPE





# Responsibilities (Cont.)

- The employer is required to pay for PPE used to comply with OSHA standards such as:
  - Metatarsal foot protection
  - Rubber boots with steel toes
  - Prescription eyewear inserts/lenses for full face respirators
  - Non-prescription eye protection
  - Goggle and face shields
  - Firefighting PPE
  - Hard hats
  - Hearing protection
  - Welding PPE





# Responsibilities (Cont.)

- Employer payment exemptions
  - Non-specialty safety-toe protective footwear (including steel-toe shoes or steel-toe boots) and non-specialty prescription safety eyewear
  - provided that the employer permits such items to be worn off the job site
  - Everyday clothing - long-sleeve shirts, long pants, street shoes, and normal work boots
  - Ordinary clothing, skin creams, or other items used solely for protection from weather i.e., winter jackets, gloves, hats, sunscreen
  - Consumer safety items worn by food workers
  - Lifting belts
  - When an employee lost or intentionally damaged PPE





# Responsibilities (Cont.)

- The employee is required to:
  - Properly wear PPE
  - Attend PPE training
  - Care for, clean, and maintain PPE
  - Inform supervisor of needs for repair or replacement





# Key Points to Remember

- Properly identify and understand the types of personal protective equipment (PPE)

- Understand the responsibilities expected by the employer and employee

**TAKE THE  
QUIZ!**

<https://forms.office.com/Pages/ResponsePage.aspx?id=RZJ-M6ZIREqmNwvW9nbIKxyzzaSUgJJFgf5zZdrqY-IUNjI0OVIVOEFPTE5TMVY5QTMxNkVISk1BQi4u>