
Personal Protective Equipment (PPE)

Final Assessment Instructor Guide

Note to Instructor

This unit assesses the participant's knowledge of personal protective equipment (PPE): reasons for using them and types of PPE. This assessment could be used as both a pre-test and post-test. This would provide information on what was learned as a result of completing the supporting PK and activities. The assessment consists of 10 questions.

This assessment is the third unit of the *Personal Protective Equipment Learning Module*.

- Personal Protective Equipment Primary Knowledge
- Personal Protective Equipment Activity
- **Personal Protective Equipment Assessment**

Introduction

The purpose of this final assessment is to test your knowledge of personal protective equipment (PPE) after completing the PPE Primary Knowledge unit and the PPE Activity.

This assessment determines your understanding of why PPE is necessary, what PPE is used in microsystems manufacturing, and the proper use of this PPE.

What do you know about PPE in microsystems manufacturing?

Complete this assessment and demonstrate your current knowledge of PPE and its correct usage.

Questions with Answers

1. Fumes may contain both vapors and dust particles.
- True
 - False

Answer a. True, fumes may contain both vapors (gases) and dust particles.

2. Which of the following are possible routes of entry for hazardous chemicals?
- Inhalation
 - Ingestion
 - Dermal
 - All of the Above

Answer d. Hazardous chemicals may cause bodily harm through all 3 of these routes of entry.

3. The following illustrates the proper eye protection when working with acids.
- True
 - False



Answer b. False. These are safety glasses. The proper eye and face protection when working with acids is a face shield.

4. This PPE is designed to protect what system of the body? _____



Answer

A respirator protects the respiratory system.

5. Which of the following is NOT a state in which an atmospheric hazard may be present?
- Liquids
 - Gases
 - Particles
 - Fumes

Answer a. Liquid. An atmospheric hazard comes in 4 states: Fumes, Gases, Vapors, or Particles

6. Which of the following PPE is NOT necessary when working with acids or solvents in a properly ventilated area?
- Acid or Solvent Gloves
 - Acid/Solvent Apron
 - Respirator
 - Face Shield

Answer c. Respirator. If working in an area that is proper ventilated (fume hood or other engineering controls), a respirator is not needed.

7. The following does NOT need to be done when wearing acid or solvent gloves.
- Leak Check
 - Seal Check
 - Wear 2 inch cuff
 - Dispose of in the proper waste container

Answer b. A seal check checks to see if a respirator is on correctly. It is not for checking gloves.

8. Under normal working conditions, the following MUST be worn when handling acids.
- True
 - False



Answer b. False. This is a chemical resistant splash suit and it is usually worn when cleaning up hazardous material spills. When working with acids or solvents under normal circumstances, this suit is not necessary.

9. Closed toe shoes must always be worn when working with hazardous materials.
- a. True
 - b. False

Answer a. Absolutely True! When working with hazardous materials, it is important to wear non-porous, closed toe shoes with a closed heel.

10. What type of PPE is required when working with corrosives?
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Answer Safety glasses or goggles, a face shield, acid apron, and acid gloves.

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