



Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

1. _____ is the cause of the greatest number of eye injuries.
 - a. Flying particles
 - b. Liquid splashes
 - c. Vapors or fumes
 - d. Light radiation

2. The primary use of _____ is to protect the eyes from dust, liquids, gasses and vapors.
 - a. safety glasses
 - b. goggles
 - c. face shields
 - d. Any of the above

3. Eye protection with a shaded filter lens is used for _____ applications.
 - a. photography
 - b. welding
 - c. foundry
 - d. laser cutting

4. Generally, hearing loss affects the ability to hear _____ frequencies.
 - a. low
 - b. midrange
 - c. high
 - d. Ultrasonic

5. All hard hats made of a non-conductive material will protect against electrical hazards.
 - a. True
 - b. False





Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

6. Specifically-designed PPE footwear used by workers in industry can be purchased with which of the following features?
 - a. steel toes
 - b. slip-resistant soles
 - c. steel heels
 - d. metatarsal protection
 - e. Any of the above

7. Gloves made of _____ are used to protect against sparks from welding.
 - a. latex
 - b. canvas
 - c. leather
 - d. Rubber

8. Cleaners, fertilizers, chemicals and paints can _____.
 - a. damage the skin
 - b. be absorbed through skin
 - c. Both a and b
 - d. Neither a or b

9. A workplace PPE hazard assessment document identifies the _____.
 - a. department
 - b. job functions that was evaluated
 - c. person who conducted the assessment
 - d. All of the above

10. Work gloves made of leather protects against acids and caustic liquids.
 - a. True
 - b. False





Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

11. Eye wash stations should be located near any facilities that use _____.
- chemicals
 - dust
 - vapors
 - abrasive particles
12. _____ hearing loss, more commonly known as *nerve deafness* is caused by damage to the inner ear, acoustic nerve, or both.
- Conductive
 - Sensorineural
 - Accuneural
 - Mixed
13. Some ear plugs can reduce noise levels the same amount as ear muffs.
- True
 - False
14. Class _____ hardhats protect the head against impact and penetration of falling objects.
- A
 - B
 - C
 - D
15. A class _____ hardhat is designed for comfort and protects the head from minor impact.
- A
 - B
 - C
 - D





Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

16. PPE marked with _____ pertains to head protection.
- Z87
 - Z88
 - Z89
 - Z09
17. The soles of industrial boots and shoes are designed to be _____.
- slip-resistant
 - puncture-resistant
 - Both a and b
 - Neither a or b
18. Most foot injuries can be prevented by wearing shoes that _____.
- have insulated liners
 - are chemical resistant
 - have puncture and slip resistant soles
 - have steel toes
19. Employees who work with heavy, sharp and rough materials or objects should wear aprons, gloves, and shoes made of _____.
- leather
 - rubber
 - heavy canvas
 - Either a or b
20. All respirator and filtering facepieces used in the workplace must be certified by _____.
- OSHA
 - NIOSH
 - the EPA
 - IDLH





Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

21. Gasses are _____.
- Small particles of solids or liquids suspended and dispersed in air.
 - formed by the evaporation of solids or liquids.
 - Often created by cutting, welding, or brazing of metallic materials.
 - formed by chemical processes or high heat.
22. What components of a respirator should be inspected before being used?
- Inhalation valves
 - Exhalation valves
 - Head straps
 - All of the above
23. An APR is used when there is enough oxygen by filtering out the air that contains harmful _____.
- gases
 - vapors
 - dust
 - All of the above
24. A _____ seal check performed on a respirator involves exhaling while blocking the exhalation valve.
- negative
 - positive
25. The _____ respirator fit testing procedure, also known as the “*gas chamber test*”, relies on taste, irritation, or smell of the wearer while the test is conducted.
- qualitative
 - quantitative





Introduction to Safety – Unit Three: Personal Protective Equipment

Unit Exam

SAFETY DISCLAIMER:

M-SAMC educational resources are in no way meant to be a substitute for occupational safety and health standards. No guarantee is made to resource thoroughness, statutory or regulatory compliance, and related media may depict situations that are not in compliance with OSHA and other safety requirements. It is the responsibility of educators/employers and their students/employees, or anybody using our resources, to comply fully with all pertinent OSHA, and any other, rules and regulations in any jurisdiction in which they learn/work. M-SAMC will not be liable for any damages or other claims and demands arising out of the use of these educational resources. By using these resources, the user releases the Multi-State Advanced Manufacturing Consortium and participating educational institutions and their respective Boards, individual trustees, employees, contractors, and sub-contractors from any liability for injuries resulting from the use of the educational resources.

DOL DISCLAIMER:

This product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

RELEVANCY REMINDER:

M-SAMC resources reflect a shared understanding of grant partners at the time of development. In keeping with our industry and college partner requirements, our products are continuously improved. Updated versions of our work can be found here: <http://www.msamc.org/resources.html>.

