



## EXAM B

### FIRE SAFETY IN AUTO REPAIR SHOPS FOR MANAGERS - FIRE PREVENTION PLAN OVERVIEW

Choose the best answer for each multiple-choice question. There is only one best answer for each question.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Which of the following are fuel for a Type A fire?
  - a. Paper
  - b. Motor oil
  - c. Car interiors
  - d. a and c
  
2. Which of the following fire extinguisher types will put out a Class C fire?
  - a. Water
  - b. Foam
  - c. Carbon dioxide
  - d. Dry powder
  
3. Which of the following elements should be part of an emergency action plan?
  - a. Escape routes
  - b. Provisions for disabled workers
  - c. Procedures to account for all workers and visitors after evacuation
  - d. All of the above
  
4. Why is fire safety important in an auto repair shop?
  - a. Many auto repair products are flammable
  - b. Protect property
  - c. Auto repair shops contain potential ignition sources
  - d. All of the above
  
5. Which of the following is NOT included in a safety data sheet?
  - a. Personal protective equipment needed to handle the product
  - b. Flammability
  - c. Vendors that sell the product
  - d. Manufacturer
  
6. Class B fires involve:
  - a. Oils and grease
  - b. Solvents
  - c. Paper
  - d. a and b

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7. Which of the following best defines personal protective equipment?
  - a. Equipment that helps prevent wear and tear on shop equipment
  - b. Barriers that prevent unauthorized people from entering a shop
  - c. The equipment a person needs to wear so that they can handle a product safely
8. Which item is NOT included in a shop fire prevention plan?
  - a. Safety data sheets
  - b. Emergency action plan
  - c. Communication and training
  - d. Audit of potential ignition sources
9. Which of the following most closely fits the definition of a VOC?
  - a. Chemicals with a strong odor
  - b. Chemicals that evaporate easily
  - c. Solvent degreasers
  - d. Flammable chemicals
10. What was the cause of the 2019 Long Island, New York fire?
  - a. Spontaneous combustion of used shop rags
  - b. Smoking in the shop
  - c. Spark from a shop vacuum ignited solvent vapors
  - d. Spark from a car engine ignited oil on the shop floor
11. Which item is NOT part of a fire hazard mitigation plan?
  - a. Prevent spills
  - b. Eliminate ignition sources
  - c. Restrict smoking to one area of the shop
  - d. Handle wastes properly
12. A Class C fire involves:
  - a. Energized electrical equipment
  - b. Used shop rags
  - c. Paper and wood
  - d. Oil and grease
13. What is the purpose of pictographs in a safety data sheet?
  - a. Convey information about potential health hazards from the product
  - b. Convey information about environmental regulations concerning the product
  - c. Convey information about potential safety hazards from the product
  - d. a and c

14. Which of the following is NOT an example of personal protective equipment?
- a. Sandals
  - b. Goggles
  - c. Gloves
  - d. Ear plugs
15. Class D fires involve:
- a. Used shop rags
  - b. Oil and grease
  - c. Electrical equipment
  - d. Combustible metals such as magnesium and titanium
16. Which of the following is true of safety data sheets?
- a. A shop is required to have safety data sheets on file for every product they use
  - b. Safety data sheets provide environmental compliance information
  - c. Safety data sheets provide health and safety information
  - d. All of the above
17. What does the Hazard Communication require?
- a. Employers must inform their workers about the hazards from the chemicals they use
  - b. Shops are not allowed to use any potentially hazardous products
  - c. a and d
  - d. Shops must keep a safety data sheet on file for every product they use
18. Why are volatile organic compounds (VOC) harmful to the environment?
- a. VOC react with rain to damage buildings
  - b. VOC contribute to ozone formation
  - c. VOC cause damage to the ozone layer in the stratosphere, which shields the earth from harmful radiation
19. Which is not part of a fire hazard mitigation plan?
- a. Maintain a clean shop
  - b. Use water-based cleaners for degreasing and cleaning
  - c. Do not allow visitors in the shop
  - d. Store used rags safely
20. What type of fire extinguisher is commonly used in auto repair shops?
- a. Water
  - b. Dry powder
  - c. Foam
  - d. ABC dry chemical



## EXAM A - ANSWER KEY

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