EXAM A

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. 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

2. Class B fires involve:
   a. Oils and grease
   b. Solvents
   c. Paper
   d. a and b

3. 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

4. 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

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. 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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

7. Which of the following are fuel for a Type A fire?
   a. Paper
   b. Motor oil
   c. Car interiors
   d. a and c

8. 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

9. Which of the following fire extinguisher types will put out a Class C fire?
   a. Water
   b. Foam
   c. Carbon dioxide
   d. Dry powder

10. 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

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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

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. 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

18. What type of fire extinguisher is commonly used in auto repair shops?
    a. water
    b. dry powder
    c. foam
    d. abc dry chemical

19. 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

20. 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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

EXAM A - ANSWER KEY

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

1. 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

2. Class B fires involve:
   a. Oils and grease
   b. Solvents
   c. Paper
   d. a and b

3. 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

4. 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

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. 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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

7. Which of the following are fuel for a Type A fire?
   a. Paper
   b. Motor oil
   c. Car interiors
   d. a and c

8. 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

9. Which of the following fire extinguisher types will put out a Class C fire?
   a. Water
   b. Foam
   c. Carbon dioxide
   d. Dry powder

10. 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

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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.

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. 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.

18. What type of fire extinguisher is commonly used in auto repair shops?
    a. water
    b. dry powder
    c. foam
    d. abc dry chemical

19. 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

20. 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

This material was produced under grant number SH-99059-SH0 from the Occupational Safety and Health Administration, U.S. Department of Labor. It does not necessarily reflect the views or policies of the U.S. Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement by the U.S. Government.