



PRE-ASSESSMENT

FIRE SAFETY IN AUTO REPAIR SHOPS FOR WORKERS

FIRE HAZARD IDENTIFICATION AND MITIGATION TRAINING

Name: _____

Date: _____

This pre-assessment is designed to determine what you already know about fire safety in an auto repair shop. You will be asked to complete this assessment again at the end of the training so that we can assess what you have learned and how well the trainer has communicated the main points. This is not a test and you will not be graded on your performance.

TRUE AND FALSE: Are these phrases true or false? Circle the correct answer. T for True and F for False.

1. T F Electrical equipment can be an ignition source in an auto repair shop.
2. T F All shops are required to have a written fire prevention plan.
3. T F Keeping a clean shop is an important fire safety measure.
4. T F Store used shop rags in a plastic storage container.
5. T F Use a portable space heater to keep the shop warm when the garage doors are open.
6. T F When pouring flammable liquids from one container to another, both containers should be grounded.

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

1. Which item is NOT included in a fire prevention plan?
 - a. Safety data sheets
 - b. Emergency action plan
 - c. Communication and training
 - d. Audit of potential shop ignition sources
2. Which item is NOT part of a fire hazard mitigation plan?
 - a. Prevent spills
 - b. Eliminate ignition sources
 - c. Restricting smoking to one area of the shop
 - d. Handle wastes properly

3. Which of the following are steps for cleaning up a spill?
 - a. Assess the risk
 - b. Confine the spill
 - c. Pour the spilled liquid back into its original container
 - d. a and b

4. Select the following items which are part of a spill prevention strategy:
 - a. Store engines on wooden pallets
 - b. Use drip pans under vehicles to collect oil
 - c. Store materials near point of use
 - d. b and c

5. Which of the following are potential ignition sources in a shop?
 - a. Damaged extension cords
 - b. Stacks of paper
 - c. Car engine
 - d. a and c

FILL IN THE BLANK: Choose the best word or phrase from the list below to complete the sentences.

water-based degreasers
 safety data sheets
 oxygen
 drip pans
 fire extinguishers
 flashpoint
 volatile organic compounds (VOC)
 splash guards
 solvent degreasers
 fuel

1. The three elements of the fire triangle are heat, _____, and _____.
2. Products containing _____ may be very flammable.
3. _____ may be used to put out small fires.
4. The _____ is the lowest temperature at which the vapors of a chemical can ignite.
5. _____ contain important information about a product.
6. When a shop replaces _____ with _____, the shops will emit less VOCs.
7. _____ and _____ help to prevent spills.



POST-ASSESSMENT

FIRE SAFETY IN AUTO REPAIR SHOPS FOR WORKERS

FIRE HAZARD IDENTIFICATION AND MITIGATION TRAINING

Name: _____

Date: _____

TRUE AND FALSE: Are these phrases true or false? Circle the correct answer. T for True and F for False.

1. T F Electrical equipment can be an ignition source in an auto repair shop.
2. T F All shops are required to have a written fire prevention plan.
3. T F Keeping a clean shop is an important fire safety measure.
4. T F Store used shop rags in a plastic storage container.
5. T F Use a portable space heater to keep the shop warm when the garage doors are open.
6. T F When pouring flammable liquids from one container to another, both containers should be grounded.

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

1. Which item is NOT included in a fire prevention plan?
 - a. Safety data sheets
 - b. Emergency action plan
 - c. Communication and training
 - d. Audit of potential shop ignition sources
2. Which item is NOT part of a fire hazard mitigation plan?
 - a. Prevent spills
 - b. Eliminate ignition sources
 - c. Restricting smoking to one area of the shop
 - d. Handle wastes properly
3. Which of the following are steps for cleaning up a spill?
 - a. Assess the risk
 - b. Confine the spill
 - c. Pour the spilled liquid back into its original container
 - d. a and b

4. Select the following items which are part of a spill prevention strategy:

- a. Store engines on wooden pallets
- b. Use drip pans under vehicles to collect oil
- c. Store materials near point of use
- d. b and c

5. Which of the following are potential ignition sources in a shop?

- a. Damaged extension cords
- b. Stacks of paper
- c. Car engine
- d. a and c

FILL IN THE BLANK: Choose the best word or phrase from the list below to complete the sentences.

water-based degreasers
safety data sheets
oxygen
drip pans
fire extinguishers
flashpoint
volatile organic compounds (VOC)
splash guards
solvent degreasers
fuel

1. The three elements of the fire triangle are heat, _____, and _____.
2. Products containing _____ may be very flammable.
3. _____ may be used to put out small fires.
4. The _____ is the lowest temperature at which the vapors of a chemical can ignite.
5. _____ contain important information about a product.
6. When a shop replaces _____ with _____, the shop will emit less VOCs.
7. _____ and _____ help to prevent spills.



PRE/POST-ASSESSMENT - ANSWER KEY

FIRE SAFETY IN AUTO REPAIR SHOPS FOR WORKERS

FIRE HAZARD IDENTIFICATION AND MITIGATION TRAINING

TRUE AND FALSE: Are these phrases true or false? Circle the correct answer. T for True and F for False.

1. True Electrical equipment can be an ignition source in an auto repair shop.
2. False All shops are required to have a written fire prevention plan.
3. True Keeping a clean shop is an important fire safety measure.
4. False Store used shop rags in a plastic storage container.
5. False Use a portable space heater to keep the shop warm when the garage doors are open.
6. True When pouring flammable liquids from one container to another, both containers should be grounded.

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

1. Which item is NOT included in a fire prevention plan?
 - a. **Safety data sheets**
 - b. Emergency action plan
 - c. Communication and training
 - d. Audit of potential shop ignition sources
2. Which item is NOT part of a fire hazard mitigation plan?
 - a. Prevent spills
 - b. Eliminate ignition sources
 - c. **Restricting smoking to one area of the shop**
 - d. Handle wastes properly
3. Which of the following are steps for cleaning up a spill?
 - a. Assess the risk
 - b. Confine the spill
 - c. Pour the spilled liquid back into its original container
 - d. **a and b**

4. Select the following items which are part of a spill prevention strategy:

- a. Store engines on wooden pallets
- b. Use drip pans under vehicles to collect oil
- c. Store materials near point of use
- d. **b and c**

5. Which of the following are potential ignition sources in a shop?

- a. Damaged extension cords
- b. Stacks of paper
- c. Car engine
- d. **a and c**

FILL IN THE BLANK: Choose the best word or phrase from the list below to complete the sentences.

water-based degreasers

safety data sheets

oxygen

drip pans

fire extinguishers

flashpoint

volatile organic compounds (VOC)

splash guards

solvent degreasers

fuel

1. The three elements of the fire triangle are heat, fuel, and oxygen.
2. Products containing volatile organic compounds (VOC) may be very flammable.
3. Fire extinguishers may be used to put out small fires.
4. The flashpoint is the lowest temperature at which the vapors of a chemical can ignite.
5. Safety data sheets contain important information about a product.
6. When a shop replaces solvent degreasers with water-based degreasers, the shop will emit less VOCs.
7. Drip pans and splash guards help to prevent spills.