

FDNY COF – SUPERVISION OF SMOKE DETECTORS (S-93) PRACTICE TEST (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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THE FULL VERSION STUDY GUIDE**

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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- 1. What is the minimum distance rubbish and combustible waste must be kept from a flammable liquid storage area?**
 - A. 10 feet
 - B. 15 feet
 - C. 20 feet
 - D. 25 feet
- 2. Which activity falls under the definition of dispensing?**
 - A. Transporting hazardous materials on a truck
 - B. Transferring liquids from one tank to another
 - C. Storing materials in a warehouse
 - D. Filling a vehicle's fuel tank without supervision
- 3. What should residents do if they experience a malfunctioning smoke detector?**
 - A. Keep using it until it fails completely
 - B. Contact a fire safety professional
 - C. Discontinue use until the next scheduled test
 - D. Reset it and hope it works
- 4. Who is required for personal supervision on premises?**
 - A. An untrained individual
 - B. A holder of a department certificate
 - C. A member of the public
 - D. A company officer
- 5. The NFPA 704 signs are utilized to indicate what kind of information?**
 - A. Traffic regulations
 - B. Hazard ratings of materials
 - C. Operational instructions
 - D. Building occupancy limits

- 6. What distinguishes a citywide permit from a site-specific permit?**
- A. Location specificity
 - B. Duration of validity
 - C. Amount of liquids that can be used
 - D. Type of operation authorized
- 7. Which of the following describes 'process transfer'?**
- A. The process of incinerating hazardous materials
 - B. The safe transfer of flammable liquids between equipment
 - C. The procedure for disposing of waste
 - D. The method of filtering solid particles from liquids
- 8. What type of fires are ionization smoke detectors most responsive to?**
- A. Slow-burning fires
 - B. Fast-flaming fires
 - C. Electrical fires
 - D. Flammable liquid fires
- 9. Portable containers shall not be filled while located in which of the following areas?**
- A. Inside a building
 - B. Inside the trunk of a vehicle
 - C. On the ground
 - D. On a workbench
- 10. Which type of permit is valid for activities at multiple locations but limited to 30 days at each site?**
- A. Citywide permit
 - B. Temporary permit
 - C. Permanent permit
 - D. Site-specific permit

Answers

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1. B
2. B
3. B
4. B
5. B
6. A
7. B
8. B
9. B
10. A

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Explanations

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1. What is the minimum distance rubbish and combustible waste must be kept from a flammable liquid storage area?

- A. 10 feet
- B. 15 feet**
- C. 20 feet
- D. 25 feet

The minimum distance of 15 feet that rubbish and combustible waste must be kept from a flammable liquid storage area is based on safety measures designed to prevent fires and to protect individuals and property. Since flammable liquids can easily ignite and spread flames, maintaining a safe distance helps minimize the risk of a fire spreading from combustible waste to the storage area. This precaution is particularly important in environments where the potential for an outbreak is greater due to the presence of volatile substances. Keeping rubbish and combustible materials at least 15 feet away is a standard safety practice endorsed by fire codes and regulations to ensure that any fire hazard is mitigated as much as possible. This distance provides a buffer zone that can limit the exposure of flammable materials to potential ignition sources, enhancing overall safety within the facility.

2. Which activity falls under the definition of dispensing?

- A. Transporting hazardous materials on a truck
- B. Transferring liquids from one tank to another**
- C. Storing materials in a warehouse
- D. Filling a vehicle's fuel tank without supervision

Dispensing refers specifically to the act of distributing or providing a product, which in this context typically involves transferring liquids that are intended for use or consumption. The act of transferring liquids from one tank to another aligns with the definition of dispensing, as it involves the distribution of a substance from a source to another location for the purpose of usage or further handling. In contrast, transporting hazardous materials on a truck pertains more to the movement of materials rather than their distribution or provision for use. Storing materials in a warehouse does not involve the act of giving out or distributing those materials; it is simply about keeping them in a designated space. Filling a vehicle's fuel tank without supervision also does not fit the concept of dispensing, as it implies a lack of oversight, which is often a critical component in the dispensing process to ensure safety and compliance.

3. What should residents do if they experience a malfunctioning smoke detector?

- A. Keep using it until it fails completely
- B. Contact a fire safety professional**
- C. Discontinue use until the next scheduled test
- D. Reset it and hope it works

When residents experience a malfunctioning smoke detector, the best course of action is to contact a fire safety professional. This ensures that the situation is handled correctly and safely. Smoke detectors are critical safety devices designed to alert occupants about potential fire hazards, and any malfunction can compromise their effectiveness. Having a professional assess the device means that they can diagnose the issue accurately—whether it involves a simple battery replacement, an electrical problem, or the need for a complete unit replacement. This action aligns with best safety practices, ensuring that residents maintain a safe living environment and reduce the risk of undetected fires. Other options, such as continuing to use the malfunctioning detector, waiting for the next scheduled test, or simply resetting it without verification, can lead to dangerous situations. These approaches do not address the underlying problem and may give residents a false sense of security, putting lives at risk. Therefore, contacting a fire safety professional is the most responsible and effective step to take when encountering issues with a smoke detector.

4. Who is required for personal supervision on premises?

- A. An untrained individual
- B. A holder of a department certificate**
- C. A member of the public
- D. A company officer

The requirement for personal supervision on premises specifies that a holder of a department certificate is necessary. This is because individuals with this certification have undergone training and possess the knowledge and skills essential for effectively overseeing fire safety measures, including the operation and maintenance of smoke detection systems. Their expertise ensures that smoke detectors are monitored correctly, functioning as intended, and compliant with safety regulations. Holders of department certificates are familiar with the specific codes and best practices set forth by fire safety authorities, enabling them to respond appropriately to any issues that may arise, such as alarm activations or equipment malfunctions. This role is crucial in maintaining a safe environment and addressing any potential hazards promptly. In contrast, options involving untrained individuals or general members of the public lack the specialized knowledge required to manage fire safety systems effectively, making them unsuitable for this responsibility. A company officer, while potentially trained and knowledgeable, does not automatically meet the specific criteria outlined for personal supervision unless they hold the required department certificate.

5. The NFPA 704 signs are utilized to indicate what kind of information?

- A. Traffic regulations
- B. Hazard ratings of materials**
- C. Operational instructions
- D. Building occupancy limits

The NFPA 704 signs are specifically designed to convey hazard ratings of materials, providing crucial information about the potential risks associated with a substance. These signs use a color-coded system, consisting of four quadrants that represent different types of hazards: health, flammability, instability, and specific hazards. Each hazard is rated on a scale of 0 to 4, where 0 indicates no hazard and 4 signifies extreme danger. This system is vital for emergency responders and workers who may encounter hazardous materials, as it allows them to quickly understand the level of risk involved and take the appropriate safety measures. Understanding these ratings helps prevent accidents and ensures safety in environments where hazardous substances are present.

6. What distinguishes a citywide permit from a site-specific permit?

- A. Location specificity**
- B. Duration of validity
- C. Amount of liquids that can be used
- D. Type of operation authorized

A citywide permit is characterized by its applicability across an entire city, meaning it is not restricted to a specific location or site. This type of permit allows for operations to be conducted in various locations within the city's jurisdiction, providing flexibility for activities that may need to be performed in multiple places. In contrast, a site-specific permit is tailored for a particular location, granting permissions only for that designated area. This distinction is crucial for regulatory compliance, as different types of operations may require varying levels of oversight based on their location-specific impacts and risks. Duration of validity pertains to how long a permit is effective, which does not directly differentiate between citywide and site-specific permits. The amount of liquids authorized would typically depend on the specifics of the operation rather than the type of permit itself. Meanwhile, the type of operation authorized is determined by the nature of the activity rather than the design of the permit as citywide or site-specific. Thus, the primary distinguishing factor is the location specificity of the permits.

7. Which of the following describes 'process transfer'?

- A. The process of incinerating hazardous materials
- B. The safe transfer of flammable liquids between equipment**
- C. The procedure for disposing of waste
- D. The method of filtering solid particles from liquids

The concept of 'process transfer' refers specifically to the safe transfer of flammable liquids between equipment, ensuring that the transfer is conducted in a manner that minimizes the risk of spills, leaks, or accidental ignition. This is critical in various industries where flammable materials are handled, and safety protocols are in place to manage the risks associated with transferring these liquids. By defining process transfer in this way, it emphasizes the necessity of taking precautions and using appropriate equipment to maintain safety throughout the transfer operation. In contexts where hazardous materials are involved, it is essential to focus on methods that uphold safety standards and comply with regulatory requirements. Process transfer particularly supports the overall safety of operations within facilities that handle flammable substances, protecting both personnel and property from potential hazards.

8. What type of fires are ionization smoke detectors most responsive to?

- A. Slow-burning fires
- B. Fast-flaming fires**
- C. Electrical fires
- D. Flammable liquid fires

Ionization smoke detectors are designed to respond quickly to fast-flaming fires. Their operation relies on detecting the ions produced by combustion, which tends to happen rapidly in fires that burn fiercely and generate significant heat and smoke particles. These detectors are particularly sensitive to the smaller smoke particles typically created by fast-burning materials, allowing them to react promptly and provide an alert in such scenarios. In contrast, slow-burning fires, which may produce larger particles and smolder for an extended period before reaching a critical stage, are not effectively detected by ionization detectors. While electrical and flammable liquid fires can certainly involve fast-flaming characteristics, the primary feature of an ionization smoke detector's effectiveness lies in its capability to identify the rapid combustion associated with fast-flaming fires specifically. Therefore, when considering the types of fires to which ionization smoke detectors are most responsive, fast-flaming fires are the clear focus.

9. Portable containers shall not be filled while located in which of the following areas?

- A. Inside a building
- B. Inside the trunk of a vehicle**
- C. On the ground
- D. On a workbench

Filling portable containers in the trunk of a vehicle is considered unsafe due to several critical reasons. The trunk of a vehicle is generally a confined space with limited ventilation, which can lead to the accumulation of flammable vapors when filling the container. If any spark or ignition source is present, it could result in a fire or explosion. Additionally, transporting flammable liquids can complicate emergency response and pose risks to both drivers and those near the vehicle. In contrast, filling portable containers in other listed areas, such as inside a building, on the ground, or on a workbench, can often involve greater control over environmental factors. When performed indoors, it is typically under strict regulations that ensure adequate ventilation and the implementation of safety measures. On the ground or a workbench usually allows for better supervision and handling of spills and leaks, further reducing the risk of fire hazards associated with filling flammable containers.

10. Which type of permit is valid for activities at multiple locations but limited to 30 days at each site?

- A. Citywide permit**
- B. Temporary permit**
- C. Permanent permit**
- D. Site-specific permit**

The correct answer is the citywide permit, as it is designed to allow activities to occur at multiple locations within a city for a limited duration. Specifically, this type of permit permits each site to operate under its provisions for up to 30 days. This flexibility is beneficial for events, festivals, or activities that may require the same setup or operations at various locations without the need for separate permits for each one, simplifying the process for the event organizers. In contrast, temporary permits generally apply to specific short-term activities but may not necessarily cover multiple locations under the same permit. A permanent permit is usually associated with ongoing, long-term activities at a fixed location, and site-specific permits are limited to one designated location and do not provide the benefit of operating at multiple sites simultaneously. Thus, the nature and scope of a citywide permit make it uniquely suitable for activities that require the same level of oversight across different venues within a specified timeframe.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://fdnys93.examzify.com>

We wish you the very best on your exam journey. You've got this!

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