

SEATTLE FIRE DEPARTMENT EG-1 LICENSE PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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THE FULL VERSION STUDY GUIDE

<https://seattlefiredepteg1.examzify.com>



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Table of Contents

Copyright	1
Table of Contents	2
Introduction	3
How to Use This Guide	4
Questions	5
Answers	8
Explanations	10
Next Steps	16

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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. How often should fire extinguishers in commercial buildings be inspected?**
 - A. Weekly
 - B. Monthly
 - C. Quarterly
 - D. Yearly
- 2. What is the process defined as testing according to administrative rule 9.02?**
 - A. A rapid assessment of resource availability
 - B. A procedure to verify system performance through periodic checks
 - C. A formal examination of fire safety procedures
 - D. A random safety inspection by local officials
- 3. Which certification is necessary to test foam fire extinguishing agents?**
 - A. AS-2
 - B. E-1
 - C. E-3
 - D. FA-1
- 4. How many hours of continuing education must a firefighter complete annually?**
 - A. 10 hours
 - B. 15 hours
 - C. 20 hours
 - D. 25 hours
- 5. What establishes the emergency response plan for different fire scenarios?**
 - A. The Community Safety Plan
 - B. The Fire Department Operations Manual
 - C. The Building Safety Code
 - D. The Fire Safety Training Manual

- 6. What is the primary goal of maintenance as defined in Article 9.01?**
- A. To enhance safety training for employees
 - B. To update the fire reporting software systems
 - C. To keep fire protection systems operable and compliant
 - D. To develop new fire safety technologies
- 7. What type of fire is a Class B fire extinguisher suitable for?**
- A. Fires involving ordinary combustibles
 - B. Fires involving flammable liquids
 - C. Fires involving electrical equipment
 - D. All types of fires
- 8. Which type of emergency vehicle is used primarily for transporting paramedics and their equipment?**
- A. Ambulance
 - B. Medical Unit
 - C. Fire Engine
 - D. Rescue Truck
- 9. What is the testing frequency for emergency alarm systems under Seattle fire code 5003.2.9?**
- A. Every six months
 - B. Annually
 - C. Every two years
 - D. Every five years
- 10. What defines a certified technician according to the administrative rule 9.02?**
- A. A technician certified by SFD following specific professional standards
 - B. A technician employed by SFD on a full-time basis
 - C. A technician with a college degree in fire protection
 - D. A technician who has completed an apprenticeship

Answers

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

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Explanations

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1. How often should fire extinguishers in commercial buildings be inspected?

- A. Weekly
- B. Monthly**
- C. Quarterly
- D. Yearly

Fire extinguishers in commercial buildings are required to be inspected monthly to ensure they are in proper working condition and readily accessible in case of an emergency. This monthly inspection is an essential part of fire safety regulations and helps identify any potential issues, such as low pressure, physical damage, or corrosion, that could render the extinguisher ineffective. The monthly check typically involves verifying that the extinguisher is located in its designated place, that it is fully charged, that the safety seal is intact, and that there are no visible signs of damage. These inspections form a critical line of defense in fire safety management and help maintain compliance with fire safety codes. Some may consider annual inspections or specific maintenance checks; however, those occur less frequently and usually involve in-depth servicing rather than regular access checks. Regular monthly inspections are a proactive method to ensure the safety and readiness of fire extinguishers in commercial settings.

2. What is the process defined as testing according to administrative rule 9.02?

- A. A rapid assessment of resource availability
- B. A procedure to verify system performance through periodic checks**
- C. A formal examination of fire safety procedures
- D. A random safety inspection by local officials

The correct answer reflects the definition of testing as outlined in administrative rule 9.02, which is focused on verifying system performance through consistent and periodic checks. This process is critical for ensuring that systems, whether related to fire safety or another function, operate effectively and meet established standards. Periodic checks can help identify potential issues before they become critical failures, thus enhancing overall safety and reliability. In this context, the emphasis on periodic checks signifies the importance of routine evaluations that confirm whether systems are functioning as intended over time, rather than in just one instance. It supports the ongoing maintenance and operational readiness required in various safety environments, including those within fire departments. Other options reflect different concepts that do not align with the definition of testing under the rule. For instance, a rapid assessment of resource availability focuses on immediate resource evaluation, while formal examinations and random safety inspections suggest one-time or less systematic evaluations rather than the ongoing nature of testing as defined in the rule.

3. Which certification is necessary to test foam fire extinguishing agents?

- A. AS-2
- B. E-1**
- C. E-3
- D. FA-1

The correct certification necessary to test foam fire extinguishing agents is E-1. This certification specifically focuses on the understanding and application of fire suppression techniques, particularly with regard to the use of foam agents. Foam extinguishing agents are critical for tackling flammable and combustible liquid fires, as they suffocate the fire, reduce flammable vapors, and cool the surface of burning materials. Individuals with the E-1 certification have undergone training that equips them with the knowledge to safely and effectively deploy these agents in various firefighting situations. This includes understanding the different types of foam extinguishing agents available, the appropriate contexts for their application, and how to mix and use them correctly in the field. The other certifications mentioned, such as AS-2, E-3, and FA-1, do not focus specifically on foam testing or the use of foam extinguishing agents, which is why they are not the correct answer for this question. Each of those certifications may pertain to different aspects of firefighting or emergency response, but E-1 is the designated certification for the specific task of engaging with foam fire extinguishing agents.

4. How many hours of continuing education must a firefighter complete annually?

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

The requirement for a firefighter to complete 20 hours of continuing education annually is crucial for maintaining their skills and knowledge in a rapidly evolving field. Continuing education ensures that firefighters are current with the latest practices, technologies, and safety protocols. This is important not only for their personal development but also for the safety and effectiveness of their teams and the communities they serve. By completing these hours, firefighters can engage in specialized training, learn about advancements in firefighting techniques, and stay aware of changes in regulations and standards relevant to their work. This commitment to education helps enhance overall fire service operations and supports the professional growth of individuals within the field. The other options reflect lesser time commitments, which would not provide the comprehensive learning opportunities necessary to ensure that firefighters are adequately prepared for the challenges they face in their roles. Thus, the requirement for 20 hours not only meets operational needs but also supports the continuous improvement of fire services.

5. What establishes the emergency response plan for different fire scenarios?

- A. The Community Safety Plan
- B. The Fire Department Operations Manual**
- C. The Building Safety Code
- D. The Fire Safety Training Manual

The Fire Department Operations Manual serves as a comprehensive guide that outlines the protocols, procedures, and organizational structure of the fire department when responding to various emergencies, including different fire scenarios. This manual is meticulously developed to ensure that all firefighters are trained and prepared to handle incidents effectively and efficiently, following established best practices and guidelines. The plan includes standard operating procedures, response plans for specific types of fires, and coordination with other emergency services. Its purpose is to provide a trusted framework that minimizes confusion and enhances safety for both personnel and the public. While the other documents referenced hold their significance—like the Community Safety Plan, which focuses on overarching safety strategies within the community, and the Building Safety Code, which addresses structural safety measures—the Operations Manual specifically delineates the emergency response tactics that firefighters are trained to execute. Similarly, the Fire Safety Training Manual provides guidance on training but does not establish the operational protocols for actual emergency responses. This distinction reinforces the importance of the Fire Department Operations Manual in setting the standards for effective emergency response.

6. What is the primary goal of maintenance as defined in Article 9.01?

- A. To enhance safety training for employees
- B. To update the fire reporting software systems
- C. To keep fire protection systems operable and compliant**
- D. To develop new fire safety technologies

The primary goal of maintenance, as defined in Article 9.01, focuses on ensuring that fire protection systems remain operable and compliant. This is crucial for maintaining the effectiveness of these systems in protecting lives and property in the event of a fire. Regular maintenance helps to identify potential issues before they escalate into serious problems, ensuring that all equipment functions properly when needed. Keeping fire protection systems compliant with regulations and standards is also vital. Compliance ensures that systems adhere to the latest safety protocols and legal requirements, which is essential for both the safety of individuals and the operation of the fire department itself. This proactive approach to maintenance minimizes risks and enhances the reliability of fire protection systems in critical situations. The other options, while potentially important in their own right, do not embody the primary objective set out in the article. Enhancing safety training or developing new technologies are related to overall safety and innovation but do not directly address the ongoing operational readiness of existing fire protection systems. Similarly, updating software systems may improve efficiency but does not focus on the physical equipment that plays a direct role in fire safety and response. Thus, the focus on operability and compliance captures the essence of what maintenance aims to achieve in the context of fire protection.

7. What type of fire is a Class B fire extinguisher suitable for?

- A. Fires involving ordinary combustibles
- B. Fires involving flammable liquids**
- C. Fires involving electrical equipment
- D. All types of fires

A Class B fire extinguisher is specifically designed to combat fires that involve flammable liquids and gases, such as gasoline, oil, grease, and paints. The extinguishing agents used in Class B extinguishers, such as foam, dry chemical, and carbon dioxide, effectively smother the flames and prevent re-ignition by cutting off the oxygen supply. Understanding the nature of fire classes is important for effective fire safety and response. For instance, using a Class B extinguisher on fires involving ordinary combustibles, such as wood or paper, could be ineffective or even increase the hazard, since the agents may not effectively cool or suppress those types of fires. Similarly, employing it on electrical fires, which require specialized extinguishers, poses the risk of electric shock and does not address the underlying electrical issue. Thus, recognizing that a Class B fire extinguisher is designated for flammable liquids is crucial for accurate fire response protocol.

8. Which type of emergency vehicle is used primarily for transporting paramedics and their equipment?

- A. Ambulance
- B. Medical Unit**
- C. Fire Engine
- D. Rescue Truck

The primary vehicle used for transporting paramedics and their equipment is an ambulance. An ambulance is specifically designed for emergency medical services (EMS) and is equipped with the necessary medical supplies and equipment needed for patient care during transport. This vehicle allows paramedics to provide care while en route to a hospital or medical facility. While a medical unit could refer to various types of vehicles that may also assist in patient care or emergency response, the term is less commonly associated with the specific role of transporting paramedics. Fire engines and rescue trucks have distinct, different purposes, primarily focused on fire suppression and rescue operations, respectively. They lack the specialized medical equipment and design features tailored for patient transport, which is the defining characteristic of an ambulance.

9. What is the testing frequency for emergency alarm systems under Seattle fire code 5003.2.9?

- A. Every six months
- B. Annually**
- C. Every two years
- D. Every five years

The correct answer is that emergency alarm systems must be tested annually according to Seattle fire code 5003.2.9. This requirement ensures that the systems are regularly assessed for functionality and reliability, which is critical for maintaining safety in buildings and protecting occupants. Regular testing helps to identify any potential issues before they lead to malfunctions in emergency situations, thereby enhancing the overall effectiveness of fire safety measures. The annual testing frequency reflects a commitment to vigilance in fire safety, ensuring that alarm systems are maintained in proper working order, so they can effectively alert occupants in case of emergency.

10. What defines a certified technician according to the administrative rule 9.02?

- A. A technician certified by SFD following specific professional standards**
- B. A technician employed by SFD on a full-time basis
- C. A technician with a college degree in fire protection
- D. A technician who has completed an apprenticeship

A certified technician, according to administrative rule 9.02, is specifically defined as one who has met the criteria established by the Seattle Fire Department (SFD) and has undergone a certification process based on defined professional standards. This definition emphasizes the importance of having a recognized qualification that demonstrates the technician's competence and adherence to industry practices set by the department. The certification implies that the technician has not only met the knowledge and skill requirements but has also been evaluated against the standards outlined by SFD, ensuring they can perform their duties effectively and safely within the fire department's operational framework. This focuses on established professional norms rather than employment status, academic credentials, or completion of training programs like apprenticeships, which may not necessarily guarantee certification recognized by the SFD.

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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:

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

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