

KENTUCKY JOURNEYMAN PLUMBING PRACTICE TEST (SAMPLE)

STUDY GUIDE



Prepare with structure. Pass with confidence



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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 protective device that covers the orifice of a drinking fountain?
 - A. Protective cap
 - B. Protective grille
 - C. Protective shield
 - D. Protective cowl
2. PEX sizes one inch and smaller installed horizontally shall be supported at intervals not to exceed how many inches?
 - A. 24 inches
 - B. 32 inches
 - C. 16 inches
 - D. 40 inches
3. Who administers the plumber license tests?
 - A. The Department
 - B. The County Clerk's Office
 - C. The City Plumbing Board
 - D. The State Licensing Commission
4. If a dual water distribution system is used, the non potable water system shall be ____ and ____ identified
 - A. Legibly and clearly identified
 - B. Durably and adequately identified
 - C. Permanently and visibly identified
 - D. Rapidly and permanently identified
5. A sewer shall have atleast _____ inch cover.
 - A. 18
 - B. 12
 - C. 24
 - D. 36

- 6. Who are the four attorneys that can represent the department?**
- A. City, County, and Attorney General
 - B. Commonwealth and Attorney General
 - C. City, County, Commonwealth, and Attorney General
 - D. City, Commonwealth, and Attorney General
- 7. What term completes the phrase: comingling plastic pipe with adapters requires approved _____ fittings.**
- A. Transition
 - B. Compression
 - C. Elbow
 - D. Coupling
- 8. Grease traps installed inside buildings must have what features?**
- A. Ventilation only
 - B. Sealed cover only
 - C. Sealed cover and properly vented
 - D. Open top
- 9. When does a Kentucky plumbing license expire?**
- A. December 31
 - B. One year after issue
 - C. On the anniversary of the issue date
 - D. Last day of the license holder's birthday
- 10. The final air test must be maintained for at least how many minutes?**
- A. 15 minutes
 - B. 30 minutes
 - C. 45 minutes
 - D. 60 minutes

Answers

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

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Explanations

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1. What is the protective device that covers the orifice of a drinking fountain?

- A. Protective cap
- B. Protective grille
- C. Protective shield
- D. Protective cowl**

The protective covering over a drinking fountain's outlet is a protective cowl. It's a hooded cover that surrounds the orifice, shielding it from debris, pests, and tampering while still allowing water to pass when the fountain is in use. This hooded design also helps reduce splash and keeps the outlet cleaner. A protective cap would seal the opening and hamper use, a protective grille would be a mesh guard more suited to vents or drains, and a protective shield is a generic term that doesn't specifically describe the hood-like feature used on drinking fountains.

2. PEX sizes one inch and smaller installed horizontally shall be supported at intervals not to exceed how many inches?

- A. 24 inches
- B. 32 inches**
- C. 16 inches
- D. 40 inches

When you run PEX horizontally, you must secure it so it won't sag or move and put stress on fittings from gravity or thermal changes. For PEX sizes up to 1 inch, the maximum allowed spacing between supports is 32 inches. This keeps the pipe firmly in place along long runs, reduces the chance of movement at connections, and accounts for the pipe's flexibility. Spacing tighter than that (for example, 16 inches) would be more than necessary for most installations, while spacing farther than 32 inches (like 40 inches) risks sag and stress.

3. Who administers the plumber license tests?

- A. The Department**
- B. The County Clerk's Office
- C. The City Plumbing Board
- D. The State Licensing Commission

Licensing exams are run at the state level by the department that handles professional licensing and construction regulations. That department coordinates the test content, scheduling, and delivery, and it works with approved testing vendors to ensure the same standards across the state. Local offices and boards don't administer the exams themselves—they handle things like permits, records, or local enforcement. A separate licensing commission may set rules, but the actual testing is organized by the state department. For your study, focus on checking the state department's guidelines and testing arrangements, since that's where you'll find official exam information.

4. If a dual water distribution system is used, the non potable water system shall be ____ and ____ identified

- A. Legibly and clearly identified
- B. Durably and adequately identified**
- C. Permanently and visibly identified
- D. Rapidly and permanently identified

When a dual water distribution system is used, the non-potable portion must be marked so it stays recognizable and cannot be mistaken for potable water over the life of the installation. Markings need to be durable, meaning they resist wear, moisture, and cleaning, so they remain readable for as long as the system is in service. They also need to be adequate, meaning they convey enough information and are placed where they'll be seen by anyone who might work with the system. This combination helps prevent cross-connection and accidental drinking, even as parts wear or environments change. Readability alone isn't enough if the markings fade; and phrases implying rapid or overly rigid marking don't fit the practical, long-term requirement.

5. A sewer shall have atleast _____ inch cover.

- A. 18**
- B. 12
- C. 24
- D. 36

Minimum cover above a sewer line is required to protect the pipe from surface loads, provide room for proper bedding and backfill, and help guard against frost movement. Eighteen inches is the standard minimum, giving enough soil to distribute loads from surface traffic and equipment while allowing safe installation and future maintenance. If the depth were only twelve inches, the pipe would be more vulnerable to damage from loads and freezing; deeper cover like twenty-four or thirty-six inches would be more than the minimum and increase excavation costs, though in some locations or conditions greater depth may be needed. Always follow local code requirements.

6. Who are the four attorneys that can represent the department?

- A. City, County, and Attorney General
- B. Commonwealth and Attorney General
- C. City, County, Commonwealth, and Attorney General**
- D. City, Commonwealth, and Attorney General

In Kentucky, a government department can be represented by both local and state legal officials. The City Attorney covers city matters, the County Attorney handles county issues, the Commonwealth (the state's prosecutor, commonly called the Commonwealth's Attorney) can represent state interests in matters before the courts, and the Attorney General is the state's chief legal officer who can represent state agencies as needed. Because all four offices can legally act to represent a department in different situations, listing City, County, Commonwealth, and Attorney General captures all valid avenues. Leaving out any one of these would omit a legitimate path for representation, which is why the combined set is the best answer.

7. What term completes the phrase: comingling plastic pipe with adapters requires approved _____ fittings.

A. Transition

B. Compression

C. Elbow

D. Coupling

When you need to connect plastic pipe to adapters or to a different material or size, you use transition fittings. They are specifically designed and approved to bridge dissimilar materials or sizes, ensuring a proper seal and compatibility with the system. An elbow changes direction, a coupling typically joins two pieces of the same material and size, and a compression fitting handles a specific joining method but isn't inherently a transition between different materials. So the appropriate term is transition fittings.

8. Grease traps installed inside buildings must have what features?

A. Ventilation only

B. Sealed cover only

C. Sealed cover and properly vented

D. Open top

Grease traps inside a building must both keep contaminants contained and allow air to move freely as waste flows. The best design includes a sealed cover to prevent odors from escaping, deter pests, and protect people working nearby, plus proper venting to the trap so air can enter and exit with flow, preventing pressure changes that could siphon the water seal. If there's no vent, the trap's seal can be drawn out or gases pushed back into the building; if there's no sealed cover, odors and pests can escape and the trap isn't protected from contamination. An open top would fail on both counts.

9. When does a Kentucky plumbing license expire?

A. December 31

B. One year after issue

C. On the anniversary of the issue date

D. Last day of the license holder's birthday

The scheduled expiration is tied to the individual holder's birthday. In Kentucky, a plumbing license lapses at the end of the licensee's birthday month and day, creating a rolling 12-month period that ends on that date. This means you must complete renewal by the last day of your birthday each year. Why this makes sense: using the birthday as the renewal cutoff gives each practitioner a personal, easy-to-remember deadline, which helps ensure licenses stay current without everyone renewing on the same calendar date. Renewal typically involves paying a fee and meeting any continuing education requirements, and practicing without renewal after the deadline isn't allowed. So, the last day of the license holder's birthday is the date that determines when the license expires.

10. The final air test must be maintained for at least how many minutes?

A. 15 minutes

B. 30 minutes

C. 45 minutes

D. 60 minutes

During the final air test, the installed piping is pressurized and the pressure is held steady to see if any leaks show up. Holding the test for at least 15 minutes gives enough time for small leaks to reveal themselves as a drop in pressure, rather than mistaking a short fluctuation for a leak. This minimum duration is what the codes specify to ensure you've truly checked the system's integrity before moving on. Shorter tests could miss slow leaks, while longer tests aren't required as a minimum and would just extend the process. So the minimum time you must maintain the final air test is 15 minutes.

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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://kyjourneymanplumbing.examzify.com>

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

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