

TFD Basic Hose Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

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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	15

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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 wildland hose composition per pack?**
 - A. 150 feet of 1½-inch NST and 50 feet of 1-inch NPSH with nozzle per pack**
 - B. 100 feet of 1½-inch NST and 100 feet of 1-inch NPSH with nozzle per pack**
 - C. 90 feet of 1½-inch NST and 110 feet of 1-inch NPSH with nozzle per pack**
 - D. 100 feet of 1½-inch NST and 150 feet of 1-inch NPSH with nozzle per pack**

- 2. What is the test duration for 5-inch and Wildland hoses?**
 - A. 3 minutes**
 - B. 5 minutes**
 - C. 10 minutes**
 - D. 1 minute**

- 3. How many total feet are in the 5-inch hose storage described as eight 100-foot sections plus 50' and 15' sections?**
 - A. 865 feet**
 - B. 900 feet**
 - C. 820 feet**
 - D. 745 feet**

- 4. What is the Higbee Cut on 2½ inch couplings?**
 - A. A feature to improve sealing**
 - B. To indicate thread size**
 - C. To align male and female couplings**
 - D. Blunt end on outer thread to prevent cross-threading**

- 5. Which statement identifies a male coupling on a 5-inch hose?**
 - A. Male couplings have exposed threads and larger rocker lugs.**
 - B. Female couplings have exposed threads.**
 - C. Male couplings have smooth shank.**
 - D. Female couplings have swivel lugs.**

- 6. What hose is always behind the nozzle?**
- A. N-Dura Reloading**
 - B. Gladiator**
 - C. N-Dura Hose Construction**
 - D. 1¾ inch Hose Length**
- 7. How can you identify a male coupling on a 5-inch hose?**
- A. Smooth shank and smaller rocker lugs**
 - B. Exposed threads and larger rocker lugs**
 - C. Smooth shank and large rocker lugs**
 - D. Swivel end**
- 8. What color is Minuteman hose?**
- A. Green**
 - B. Red**
 - C. Orange**
 - D. Tan**
- 9. What is the construction of Gladiator hoses?**
- A. Nylon jacket with polyurethane liner.**
 - B. High-quality polyester jacket with extruded through-the-weave nitrile rubber liner.**
 - C. Coarse fiber jacket with neoprene liner.**
 - D. Polypropylene jacket with EPDM liner.**
- 10. What are the benefits of Gladiator hose?**
- A. Lower cost**
 - B. Increased color options**
 - C. Higher stiffness**
 - D. Improved flow and resistance to kinks**

Answers

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

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Explanations

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1. What is the wildland hose composition per pack?

- A. 150 feet of 1½-inch NST and 50 feet of 1-inch NPSH with nozzle per pack
- B. 100 feet of 1½-inch NST and 100 feet of 1-inch NPSH with nozzle per pack**
- C. 90 feet of 1½-inch NST and 110 feet of 1-inch NPSH with nozzle per pack
- D. 100 feet of 1½-inch NST and 150 feet of 1-inch NPSH with nozzle per pack

In a standard wildland hose pack, you want a ready-to-deploy attack setup that balances reach, flow, and portability. The typical configuration includes two hoses, each 100 feet long, one 1½-inch line with NST fittings and one 1-inch line with NPSH fittings, with a nozzle attached to the smaller line. This arrangement gives you a stronger, higher-flow option for an initial push on larger flames, while the lighter, more controllable 1-inch line helps with precision work and reaching tighter spots, all packaged together for quick access. Having equal lengths keeps the pack balanced and easy to carry, so you can pull a line and start fighting immediately without fumbling for extra hose.

2. What is the test duration for 5-inch and Wildland hoses?

- A. 3 minutes
- B. 5 minutes**
- C. 10 minutes
- D. 1 minute

Hose testing is about ensuring the hose can hold up under pressure for a meaningful period, not just at the moment it's pressurized. The important idea is to observe the hose for a set duration long enough to reveal leaks, bulges, or weak spots that might develop over time, especially at couplings and along the length. For 5-inch and Wildland hoses, five minutes is the standard test duration. This length of time provides a reliable window to detect issues that may not appear immediately, while shorter times could miss slower leaks and longer times aren't typically necessary. So five minutes is the appropriate duration for these hose types.

3. How many total feet are in the 5-inch hose storage described as eight 100-foot sections plus 50' and 15' sections?

- A. 865 feet**
- B. 900 feet
- C. 820 feet
- D. 745 feet

Add up the lengths: eight 100-foot sections give 800 feet. The other sections total $50 + 15 = 65$ feet. Combine them: $800 + 65 = 865$ feet. All lengths are in feet, so no conversion needed. The total hose length described is 865 feet.

4. What is the Higbee Cut on 2½ inch couplings?

- A. A feature to improve sealing
- B. To indicate thread size
- C. To align male and female couplings
- D. Blunt end on outer thread to prevent cross-threading**

The Higbee cut is a small relief at the end of the male pipe thread that creates a blunt lead-in on the outer threads. This blunt end guides the threads into engagement as you start to screw the fittings together, reducing the chance of cross-threading and thread damage. It's not about sealing (that comes from gaskets or tape) nor about indicating thread size. Its primary purpose is to make starting the thread easier and to prevent cross-threading, which is why it's described as a blunt end on the outer thread.

5. Which statement identifies a male coupling on a 5-inch hose?

- A. Male couplings have exposed threads and larger rocker lugs.**
- B. Female couplings have exposed threads.
- C. Male couplings have smooth shank.
- D. Female couplings have swivel lugs.

Identifying male vs female hose couplings comes down to the external features you can see on the fitting. A male coupling has threads on the outside of the fitting, which you can feel and see, and it also has larger rocker lugs that help lock the connection when mated with a female coupling. This combination—exposed external threads and larger rocker lugs—clearly marks it as male. In contrast, a female coupling would have internal threads, not exposed on the outside, and a different lug profile, so statements claiming exposed threads belong to female couplings or that male couplings are smooth on the shank aren't correct.

6. What hose is always behind the nozzle?

- A. N-Dura Reloading
- B. Gladiator**
- C. N-Dura Hose Construction
- D. 1¾ inch Hose Length

The Gladiator hose is the portion of the attack line that stays behind the nozzle as you advance the line. Keeping this trailing section behind the nozzle helps maintain smooth movement, reduces kinks near the nozzle, and lets the nozzle operator focus on directing the stream while teammates feed the rest of the hose forward. The other options describe hose materials or length, not the positional role in relation to the nozzle, so they don't address which hose is kept behind the nozzle.

7. How can you identify a male coupling on a 5-inch hose?

- A. Smooth shank and smaller rocker lugs
- B. Exposed threads and larger rocker lugs**
- C. Smooth shank and large rocker lugs
- D. Swivel end

To tell a male end apart, focus on two features: threads and rocker lugs. A male coupling has exposed external threads on the outside so it can screw into the matching female end, and it also tends to have larger rocker lugs to grab and seal when connected. A smooth shank would lack threaded engagement, and a swivel end is about rotation, not gender, so it isn't what identifies the male end. So the telltale signs of a male coupling on a 5-inch hose are exposed threads and larger rocker lugs.

8. What color is Minuteman hose?

- A. Green**
- B. Red
- C. Orange
- D. Tan

Color coding on fire hoses helps you quickly identify the line you're dealing with and its intended use. In this material, Minuteman hose is green, so green shows that this is the Minuteman hose in the lineup. The other colors correspond to different hoses or brands and aren't the Minuteman hose in this context. When working with hoses, use the color cue along with any labels to confirm you're using the correct hose for the task.

9. What is the construction of Gladiator hoses?

- A. Nylon jacket with polyurethane liner.
- B. High-quality polyester jacket with extruded through-the-weave nitrile rubber liner.**
- C. Coarse fiber jacket with neoprene liner.
- D. Polypropylene jacket with EPDM liner.

Gladiator hoses are built for durability and reliability by pairing a tough outer jacket with a strong inner lining, and the way those two parts are put together matters. The outer layer is a high-quality polyester jacket, chosen because polyester resists abrasion, holds up well under heat and sunlight, and stays flexible when the hose is pressurized. The inner layer is a nitrile rubber liner that's extruded through the weave, meaning the liner is formed through the fabric itself to create a seamless, tightly bonded inner surface. This construction gives the hose a smooth, uniform interior that resists wear, provides good water resistance, and protects against chemical exposure, all while maintaining flexibility under pressure. Other material combinations don't align with this common Gladiator design. A nylon jacket with a polyurethane liner, a coarse fiber jacket with neoprene, or a polypropylene jacket with EPDM liner would not offer the same balance of durability, water and chemical resistance, and reliable bonding between liner and jacket that the through-the-weave nitrile in a polyester jacket provides.

10. What are the benefits of Gladiator hose?

- A. Lower cost
- B. Increased color options
- C. Higher stiffness
- D. Improved flow and resistance to kinks**

Gladiator hose is designed to balance hydraulic performance with handling. The key benefits come from a smooth interior and reinforced construction that minimize friction losses and resist collapsing under pressure, so water can flow more steadily and your nozzle team can push fuel-like efficiency through the line. At the same time, the hose stays flexible enough to lay out around obstacles without kinking, which is crucial for maintaining a reliable stream during dynamic firefighting tasks. Lower cost or more color options don't inherently improve how well the hose carries water or resists kinks, and increased stiffness would make maneuvering harder and increase the chance of kinking. So the combination of improved flow and resistance to kinks best captures what Gladiator hose is designed to deliver.

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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://tfdbasichose.examzify.com>

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

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