

Maryland State Inspection - Technical Practice Exam (Sample)

Study Guide



Everything you need from our exam experts!

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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. Which tint color is prohibited by regulation?**
 - A. Blue**
 - B. Green**
 - C. Red**
 - D. Amber**

- 2. What is a requirement for electric trailer brakes?**
 - A. They must be installed on all trailers**
 - B. Maximum amperage must not be below 20%**
 - C. Maximum amperage per brake is not to exceed the manufacturer's maximum current rating**
 - D. They must be proportional to the weight of the trailer**

- 3. What is the minimum requirement for brake performance during an inspection?**
 - A. Must stop the vehicle from any speed**
 - B. Must stop the vehicle from a specified speed within a certain distance**
 - C. Brakes do not need to meet any specific criteria**
 - D. Must make a sound when engaged**

- 4. How should the vehicle's headlights be aligned?**
 - A. They should illuminate the road without blinding other drivers**
 - B. They should shine brightly regardless of beam angle**
 - C. They should be set to a low beam at all times**
 - D. They should alternate between high and low beam automatically**

- 5. During a Maryland State Inspection, which component is specifically evaluated in a brake inspection?**
 - A. Only brake pads**
 - B. Brake pads, rotors, lines, and overall braking performance**
 - C. Only brake fluid levels**
 - D. The aesthetic condition of brake components**

- 6. Which component is essential to check for proper operation during a vehicle inspection?**
- A. Power windows**
 - B. Windshield wipers**
 - C. Seatbelts**
 - D. All of the above**
- 7. How should the mirrors be checked during the inspection?**
- A. They should be shiny and polished**
 - B. They must be intact, properly mounted, and free of impairments**
 - C. They should be adjustable**
 - D. They must have a reflective coating**
- 8. When inspecting riveted brake linings, what is the minimum wear limit above the rivet head?**
- A. 1/32 inch**
 - B. 2/32 inch**
 - C. 3/32 inch**
 - D. 4/32 inch**
- 9. During the inspection, what is checked regarding tires?**
- A. Tread depth and overall condition**
 - B. Brand and country of manufacture**
 - C. Design and color**
 - D. Aging and temperature resilience**
- 10. What is the minimum tire tread depth required for a vehicle to pass inspection?**
- A. 4/32 of an inch**
 - B. 3/32 of an inch**
 - C. 2/32 of an inch**
 - D. 1/32 of an inch**

Answers

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

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Explanations

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1. Which tint color is prohibited by regulation?

- A. Blue
- B. Green
- C. Red**
- D. Amber

The tint color that is prohibited by regulation is red. Regulations governing vehicle window tinting are established to ensure safety and visibility, both for the driver and other road users. Red tint can significantly impair the ability to see inside the vehicle, which may prevent law enforcement and emergency responders from assessing the situation inside a car correctly. Additionally, certain colors, like red, can be associated with warning signals or emergency vehicles, creating confusion on the road. Maryland state regulations aim to maintain clear visibility standards to enhance safety and prevent any potential miscommunication that might arise from the use of certain colors in vehicle window tints. In contrast, colors such as blue, green, and amber, while still subject to guidelines regarding the darkness and reflectiveness of the tint, are generally allowed within specific limits, provided they meet other safety standards.

2. What is a requirement for electric trailer brakes?

- A. They must be installed on all trailers
- B. Maximum amperage must not be below 20%
- C. Maximum amperage per brake is not to exceed the manufacturer's maximum current rating**
- D. They must be proportional to the weight of the trailer

Electric trailer brakes are designed to provide effective braking power that matches the needs of the trailer and towing vehicle. The requirement stating that the maximum amperage per brake must not exceed the manufacturer's maximum current rating is critical for safety and performance. Each brake has specifications set by the manufacturer, which determines how much current is safe and effective for that specific brake unit. Exceeding this rating can lead to overheating, potential brake failure, and reduced lifespan of the components. Understanding this limits the electrical current to ensure that the brakes operate efficiently without causing damage or diminishing their performance. Thus, adhering to the manufacturer's guidelines is essential for both compliance with safety standards and for ensuring that the trailer operates effectively during braking. Other options may discuss aspects of brake requirements but do not emphasize the importance of manufacturer specifications that are crucial for safe operation and optimal performance of electric trailer brakes.

3. What is the minimum requirement for brake performance during an inspection?

- A. Must stop the vehicle from any speed
- B. Must stop the vehicle from a specified speed within a certain distance**
- C. Brakes do not need to meet any specific criteria
- D. Must make a sound when engaged

The minimum requirement for brake performance during a Maryland state inspection is that the brakes must stop the vehicle from a specified speed within a certain distance. This requirement ensures that the braking system is effective and reliable, thereby enhancing the safety of the vehicle and its occupants. Inspection standards typically stipulate that the vehicle must demonstrate the ability to come to a complete stop from a predetermined speed, such as 20 mph, within a specified distance, often set at 25 feet. This criterion reflects real-world driving conditions and the need for brakes to function adequately in emergency situations. When brakes meet these performance metrics, it instills confidence in the vehicle's ability to stop when needed, which is crucial for safe driving. In contrast to this correct answer, options that suggest stopping from any speed or not requiring specific criteria do not align with the necessary standards for vehicle safety. Meanwhile, the option regarding brake noise does not pertain to the effectiveness of braking performance, which is fundamentally measured by stopping capability rather than sound produced. Thus, the requirement to stop from a specified speed within a certain distance is essential for evaluating brake performance accurately during an inspection.

4. How should the vehicle's headlights be aligned?

- A. They should illuminate the road without blinding other drivers**
- B. They should shine brightly regardless of beam angle
- C. They should be set to a low beam at all times
- D. They should alternate between high and low beam automatically

The proper alignment of a vehicle's headlights is crucial for ensuring safety on the road. The headlights should be aimed in such a way that they effectively illuminate the road ahead for the driver while also minimizing glare for oncoming traffic. Proper alignment helps to improve visibility during nighttime driving conditions and enhances reaction time to obstacles or other vehicles on the road. Ensuring that headlights do not blind other drivers is essential to comply with traffic laws and maintain safe driving conditions. When they are correctly adjusted, they should cast light down the road and to the sides sufficiently for the driver's visibility without creating excessive brightness that could hinder the vision of others. This balance is critical in preventing accidents related to compromised visibility for both the driver of the vehicle and other road users.

5. During a Maryland State Inspection, which component is specifically evaluated in a brake inspection?

A. Only brake pads

B. Brake pads, rotors, lines, and overall braking performance

C. Only brake fluid levels

D. The aesthetic condition of brake components

During a Maryland State Inspection, a comprehensive evaluation of the brake system is crucial for ensuring safety and performance on the road. The correct focus involves assessing the brake pads, rotors, brake lines, and overall braking performance. This thorough inspection aims to ensure that all components of the braking system are functioning correctly and safely. Evaluating the brake pads helps in determining their wear and ability to efficiently stop the vehicle. Additionally, checking the rotors for any signs of damage or wear ensures that they can effectively work with the pads to produce strong braking power. Inspecting the brake lines is also vital, as these carry brake fluid and any leaks or damages can severely compromise braking effectiveness. Lastly, assessing overall braking performance guarantees that the vehicle can stop as expected under different driving conditions. Focusing solely on one aspect, such as just the brake pads, brake fluid levels, or the aesthetic condition, does not provide a complete picture of the brake system's health and could lead to safety hazards on the road. Therefore, a holistic assessment is essential in maintaining vehicle safety standards during the inspection process.

6. Which component is essential to check for proper operation during a vehicle inspection?

A. Power windows

B. Windshield wipers

C. Seatbelts

D. All of the above

During a vehicle inspection, it is crucial to check components that significantly contribute to safety and proper vehicle operation. Windshield wipers are essential for maintaining visibility during inclement weather, as they help clear rain, snow, and debris from the windshield. Likewise, seatbelts play a vital role in occupant safety by keeping passengers secured in their seats during a collision, minimizing the risk of injury. Power windows, while not directly related to safety during driving, are still important for comfort and accessibility, particularly in the event of an emergency. Since all these components serve important functions, a comprehensive vehicle inspection must include checking the operation of power windows, windshield wipers, and seatbelts. Therefore, the correct answer encompasses the necessity of evaluating all these components to ensure the vehicle operates safely and effectively.

7. How should the mirrors be checked during the inspection?

- A. They should be shiny and polished**
- B. They must be intact, properly mounted, and free of impairments**
- C. They should be adjustable**
- D. They must have a reflective coating**

The integrity and positioning of mirrors on a vehicle are critical safety features that directly affect visibility for the driver. During an inspection, mirrors must be intact to ensure that they can properly reflect the surroundings without any impairments like cracks or significant scratches that could obstruct the view. Additionally, mirrors should be properly mounted to prevent them from becoming dislodged or misaligned while driving. While having a shiny and polished appearance, being adjustable, or possessing a reflective coating are also important characteristics of mirrors, these attributes do not address the fundamental requirements for safe operation. The primary focus during an inspection is to ensure that mirrors serve their essential function effectively, which is to provide clear visibility and enhance safety on the road. Hence, the verification of their intactness, proper mounting, and absence of impairments stands out as the crucial aspect of this inspection.

8. When inspecting riveted brake linings, what is the minimum wear limit above the rivet head?

- A. 1/32 inch**
- B. 2/32 inch**
- C. 3/32 inch**
- D. 4/32 inch**

In the context of inspecting riveted brake linings, the minimum wear limit above the rivet head is recognized as vital for the safe operation of the vehicle's braking system. The correct answer indicates that a minimum of 1/32 inch of lining material should remain above the rivet head. This threshold is critical to ensure effective braking capability and to prevent potential damage to the rivet heads that could arise if the lining wears down excessively. Wear beyond this limit could compromise the integrity of the brake system, leading to inefficient braking performance. Proper maintenance and adherence to these specifications reflect an understanding of how brake linings are constructed and function, ensuring that safety standards are met. While other options suggest greater thicknesses, they do not align with regulatory standards that establish the minimum requirement of 1/32 inch. Adhering to this measurement helps technicians in maintaining safe operating conditions for vehicles.

9. During the inspection, what is checked regarding tires?

- A. Tread depth and overall condition**
- B. Brand and country of manufacture**
- C. Design and color**
- D. Aging and temperature resilience**

The correct answer highlights the importance of ensuring that tires are both safe and effective for vehicle operation. Tread depth is critical because it affects the vehicle's traction, especially in wet or slippery conditions. Adequate tread depth helps in maintaining control and stability, reducing the likelihood of hydroplaning. The overall condition of the tires is equally significant; inspectors look for any signs of damage, such as cuts, bulges, or uneven wear, all of which can indicate potential issues that may compromise safety. While other choices may touch on certain factors related to tires, they do not directly pertain to the core safety and performance criteria outlined during an inspection. Brand and country of manufacture are generally not assessed during a safety inspection, as they do not influence the immediate safety or driving capability of the vehicle. Design and color are aesthetic considerations rather than functional aspects critical to vehicle safety during operation. Aging and temperature resilience could be important in certain contexts, but the primary focus during an inspection is on tread depth and overall condition, as these directly impact a vehicle's performance and safety on the road.

10. What is the minimum tire tread depth required for a vehicle to pass inspection?

- A. 4/32 of an inch**
- B. 3/32 of an inch**
- C. 2/32 of an inch**
- D. 1/32 of an inch**

The minimum tire tread depth required for a vehicle to pass inspection is 2/32 of an inch. This standard is set to ensure adequate traction, particularly in wet conditions, which is crucial for safe vehicle operation. Tires with this level of tread depth are less likely to hydroplane and can maintain better grip on the road surface, helping prevent accidents. While tires may still have some function at depths shallower than 2/32, they significantly increase the risk of losing control, especially during inclement weather. This is why regulatory bodies enforce this minimum depth; it represents a compromise between performance and safety, ensuring vehicles are equipped to handle normal driving conditions safely. Higher tread depths, such as those reflected in other options, are generally preferred for optimal performance but are not mandatory for passing inspection.

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://mdinspectiontechnical.examzify.com>

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

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