

TEXAS VEHICLE SAFETY INSPECTION CERTIFICATION (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. How many and what color must a trailer's stop lamps be?**
 - A. 1 stop lamp ; Red
 - B. 2 stop lamps ; Red or Amber
 - C. 2 stop lamps ; Red
 - D. 2 stop lamps ; Yellow
- 2. How many interior mirrors are required for a vehicle?**
 - A. 0
 - B. 1
 - C. 2
 - D. 3
- 3. What is a sign of a properly functioning parking brake?**
 - A. It requires excessive force to engage
 - B. It holds the vehicle stationary on an incline
 - C. It makes noise while engaging
 - D. It only engages when the vehicle is at a complete stop
- 4. Which item must be checked for wear in the motorcycle's wheel assembly?**
 - A. Bearing integrity
 - B. Tire tread depth
 - C. Spoke condition
 - D. Rim alignment
- 5. What is a requirement regarding the CNG container during inspection?**
 - A. The container must be fully charged
 - B. The container must not be expired
 - C. The container must be certified
 - D. The container must be easily accessible
- 6. What type of vehicles are exempt from gas cap testing?**
 - A. Gasoline vehicles less than 2 years old
 - B. Diesel, antique vehicles, motorcycles, slow moving vehicles
 - C. Only electric vehicles
 - D. All vehicles older than 24 years

- 7. What condition must a motorcycle's wheel assembly meet during inspection?**
- A. Must have new spoked wheels
 - B. Must not be bent, broken, loose, or missing spokes
 - C. Must have reflective spokes
 - D. Must have at least three spokes
- 8. What percentage of LED tail lamp diodes may be non-working and still pass inspection?**
- A. 25%
 - B. 50%
 - C. 75%
 - D. 100%
- 9. For a safety emissions inspection in El Paso, how much should a vehicle owner expect to pay?**
- A. \$20.00
 - B. \$18.50
 - C. \$15.50
 - D. \$25.50
- 10. What must be checked for the service brakes during the under-vehicle inspection?**
- A. Alignment and tire pressure
 - B. Brake pad thickness and fluid levels
 - C. System responsiveness and leaks
 - D. Rotor condition and air pressure

Answers

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

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Explanations

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1. How many and what color must a trailer's stop lamps be?

- A. 1 stop lamp ; Red
- B. 2 stop lamps ; Red or Amber**
- C. 2 stop lamps ; Red
- D. 2 stop lamps ; Yellow

In Texas, a trailer is required to have two stop lamps, and they must be red. The requirement for two stop lamps ensures that there is sufficient visibility for other drivers to notice when the trailer is stopping, enhancing safety on the road. Red is the universally recognized color for stop lamps, as it is associated with the action of stopping or caution. The choice stating "two stop lamps; red" aligns perfectly with the state's vehicle safety standards, which mandate that trailers maintain clear communication with other road users through standardized signaling. Having two lamps also provides redundancy; if one lamp fails, the other still functions to signal the stopping motion of the trailer. While some other colors, like amber, may be used for turn signals or other vehicle lights, the definitive color for stop lamps on trailers remains red. This consistency is crucial for ensuring that drivers can quickly interpret signals from vehicles on the road, thus supporting overall traffic safety.

2. How many interior mirrors are required for a vehicle?

- A. 0
- B. 1**
- C. 2
- D. 3

In Texas, for a vehicle to pass the safety inspection, it is mandated to have at least one interior rearview mirror. This requirement is vital for ensuring that the driver has adequate visibility of the area behind the vehicle, which is crucial for safe driving and maneuvering. The interior mirror aids in reducing blind spots and enhances overall safety by allowing the driver to monitor traffic and obstacles behind them without turning their head excessively. While some vehicles may be equipped with multiple mirrors or additional mirror types, the legal requirement focuses on the necessity of having that one functionality that serves as an essential element of a vehicle's safety features. This single interior mirror is pivotal in facilitating safe driving practices on the road.

3. What is a sign of a properly functioning parking brake?

- A. It requires excessive force to engage
- B. It holds the vehicle stationary on an incline**
- C. It makes noise while engaging
- D. It only engages when the vehicle is at a complete stop

A properly functioning parking brake is designed to hold the vehicle stationary, especially on inclines. This capability is essential for preventing the vehicle from rolling away when parked. The parking brake mechanism actively engages the rear wheels and provides a secure hold, which is crucial for safety. When a vehicle is parked on a slope, a functioning parking brake will maintain its position without the need for additional support or excessive force. This ability ensures that the vehicle does not move unintentionally, protecting both the vehicle itself and anyone nearby. Therefore, option B accurately identifies a key characteristic of the parking brake's functionality, emphasizing its importance in vehicle safety and control.

4. Which item must be checked for wear in the motorcycle's wheel assembly?

- A. Bearing integrity
- B. Tire tread depth
- C. Spoke condition**
- D. Rim alignment

In the context of a motorcycle's wheel assembly, checking spoke condition is vital because the spokes are integral to maintaining the structural integrity of the wheel. They connect the hub to the rim and provide support, allowing the wheel to maintain its shape and stability while in motion. Worn or damaged spokes can lead to a compromised wheel, increasing the risk of accidents due to wheel failure. While assessing items like bearing integrity, tire tread depth, and rim alignment is important for overall safety and performance, the focus on spoke condition highlights a specific aspect of the wheel assembly that is unique to spoked wheels. Spokes can become loose, rusted, or broken over time, and neglecting to inspect them could lead to dangerous outcomes. Ensuring that spokes are in good condition is a crucial part of maintaining motorcycle safety, particularly for riders who rely on the performance and reliability of their vehicle.

5. What is a requirement regarding the CNG container during inspection?

- A. The container must be fully charged
- B. The container must not be expired**
- C. The container must be certified
- D. The container must be easily accessible

A requirement regarding the CNG (Compressed Natural Gas) container during inspection is that the container must not be expired. This is essential for safety reasons, as an expired container can pose significant risks due to the potential for structural failure or gas leaks. Ensuring that the container is within its service life helps maintain the integrity and reliability of the storage system, which is vital for safe vehicle operation. Having a non-expired CNG container demonstrates compliance with safety standards and ensures that the container has not weakened over time, making it safer for transport and use. Certification and accessibility can factor into the overall inspection process, but they do not directly address the critical safety concerns posed by using an expired container. Instead, maintaining the operational validity of the CNG container itself is paramount to ensuring safe usage.

6. What type of vehicles are exempt from gas cap testing?

- A. Gasoline vehicles less than 2 years old
- B. Diesel, antique vehicles, motorcycles, slow moving vehicles**
- C. Only electric vehicles
- D. All vehicles older than 24 years

The correct choice identifies a specific set of vehicles that are exempt from gas cap testing, which includes diesel vehicles, antique vehicles, motorcycles, and slow-moving vehicles. This exemption is established because these vehicle types either do not utilize a gas cap in the same way that traditional gasoline-powered vehicles do, or they are not subject to the same emissions standards. Diesel vehicles, for instance, do not have the same evaporation emissions as gasoline vehicles, which makes gas cap testing unnecessary. Antique vehicles, which are generally considered to be over 25 years old, may also be exempt due to their limited use and lower emissions standards. Motorcycles and slow-moving vehicles, such as farm machinery, are likewise included in this exemption to simplify the inspection process for these less common vehicles. This exemption is significant in the context of vehicle inspections since it allows resources to be focused on testing vehicles that contribute more significantly to emissions. Understanding these exemptions is crucial for those involved in vehicle safety inspections to ensure compliance with regulations efficiently.

7. What condition must a motorcycle's wheel assembly meet during inspection?

- A. Must have new spoked wheels
- B. Must not be bent, broken, loose, or missing spokes**
- C. Must have reflective spokes
- D. Must have at least three spokes

The condition that a motorcycle's wheel assembly must meet during inspection is that it must not be bent, broken, loose, or missing spokes. This criterion is important because the integrity of the wheel assembly directly affects the motorcycle's stability, handling, and overall safety. Damaged or improperly secured spokes can lead to wheel failure, which poses a significant risk to the rider. Ensuring that all spokes are in good condition and properly tensioned maintains the structural integrity of the wheel, providing a safe riding experience. New spoked wheels, reflective spokes, or a specific number of spokes are not the primary considerations during an inspection. The critical focus is on the functionality and safety of the existing components, rather than aesthetic upgrades or quantity.

8. What percentage of LED tail lamp diodes may be non-working and still pass inspection?

- A. 25%
- B. 50%**
- C. 75%
- D. 100%

The correct answer is that a maximum of 50% of LED tail lamp diodes may be non-working and still pass inspection. This standard is in place to ensure a minimum level of functionality and safety for vehicles on the road. When it comes to tail lamps, proper signaling and visibility are critical for the safety of the driver and other road users. Having at least half the diodes operational helps maintain adequate light output, providing sufficient signals for braking and turning, thus contributing to safer driving conditions. The other options suggest allowing higher percentages of non-working diodes, which would compromise the effectiveness of the tail lamps and potentially create safety hazards. For instance, permitting up to 75% or even 100% of the diodes to be non-functioning would severely diminish the visibility and signaling ability of the tail lights, which is against safety regulations.

9. For a safety emissions inspection in El Paso, how much should a vehicle owner expect to pay?

- A. \$20.00
- B. \$18.50**
- C. \$15.50
- D. \$25.50

In Texas, the cost of a vehicle emissions inspection can vary depending on several factors, including regional pricing and specific testing requirements. In El Paso, the fee for a safety emissions inspection is typically set at \$18.50. This fee is established to help cover the administrative and operational costs of conducting emissions tests, which are important for ensuring that vehicles meet environmental standards. Choosing this amount reflects the typical pricing structure in the area for such inspections, aligning with state regulations regarding the minimum and maximum fees that can be charged for safety and emissions testing. Understanding the standard rates for inspections helps vehicle owners prepare better financially and ensures they comply with local regulations regarding vehicle emissions control.

10. What must be checked for the service brakes during the under-vehicle inspection?

- A. Alignment and tire pressure
- B. Brake pad thickness and fluid levels
- C. System responsiveness and leaks**
- D. Rotor condition and air pressure

During the under-vehicle inspection, it's crucial to check the service brakes for system responsiveness and leaks. This is essential because the primary function of the service brakes is to safely slow down or stop the vehicle. Checking the system's responsiveness ensures that the brakes engage properly when the driver applies pressure to the brake pedal, which is vital for safety. In addition, inspecting for leaks in the brake lines or components helps prevent brake failure, as any loss of hydraulic fluid could severely compromise braking performance and lead to dangerous driving situations. While brake pad thickness, fluid levels, rotor condition, alignment, and tire pressure are all important aspects of overall vehicle maintenance, the specific focus on system responsiveness and leaks directly addresses the operational integrity of the brake system during the under-vehicle inspection. This makes option C the correct answer in this context.

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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://txvehiclesafetyinspec.examzify.com>

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

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