

NCCER Safety Practice Test (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. Portable lighting used in wet or conductive locations must be operated at no more than ___volts D.C., or must be protected by GFCI's.**
 - A. 6**
 - B. 12**
 - C. 24**
 - D. 48**

- 2. What should be done with the OSHA 200 Log at the end of each year?**
 - A. File it away for records**
 - B. Post the summary for employees to view in February**
 - C. Submit it to OSHA**
 - D. Destroy it to maintain confidentiality**

- 3. The walls and faces of trenches ___ feet or more deep, and all excavations in which employees are exposed to danger from moving ground or cave-in, must be guarded.**
 - A. 3**
 - B. 5**
 - C. 7**
 - D. 10**

- 4. Should written safety work rules be subject to review or change?**
 - A. Yes, they should always be revised**
 - B. No, they should be fixed**
 - C. They should be reviewed periodically**
 - D. Only when there is an incident**

- 5. Substances that pose _____ hazards include those that may be irritating, corrosive, sensitizing or toxic.**
 - A. Physical**
 - B. Health**
 - C. Environmental**
 - D. Radiological**

- 6. What indicates that ANSI Approved Industrial Safety Glasses have safety lenses?**
- A. Lenses are colored**
 - B. Marked with the manufacturer's monogram**
 - C. Have a black frame**
 - D. Come with a warranty**
- 7. The white portion of the NFPA diamond provides information on:**
- A. Health hazards**
 - B. Special warnings**
 - C. Fire hazards**
 - D. Reactivity hazards**
- 8. Should an effective safety program include subcontractors?**
- A. Yes, to ensure safety across all areas**
 - B. No, they should be excluded**
 - C. Only if they are on-site regularly**
 - D. Only in emergency situations**
- 9. What is the correct procedure for accident investigations?**
- A. They must always be conducted by the safety supervisor**
 - B. They can be done by any employee**
 - C. They should involve both safety personnel and regular employees**
 - D. They can be conducted by a supervisor or designated personnel**
- 10. What must OSHA representatives do regarding details of a complaint if someone is compliant?**
- A. Provide full details**
 - B. Keep details confidential**
 - C. Only share basic information**
 - D. No requirements on information sharing**

Answers

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

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Explanations

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1. Portable lighting used in wet or conductive locations must be operated at no more than ___volts D.C., or must be protected by GFCI's.

- A. 6
- B. 12**
- C. 24
- D. 48

The correct answer is 12 volts D.C. because operating portable lighting at this voltage level ensures a significant reduction in the risk of electric shock when used in wet or conductive locations. This is especially critical in environments where water or other conductive materials can increase the likelihood of electric current traveling through unintended paths, posing serious safety hazards. By limiting the voltage to 12 volts D.C., the electrical energy available is lower, making it less capable of causing harm if a person were to come into contact with the light or its wiring. Additionally, using Ground Fault Circuit Interrupters (GFCIs) provides an extra layer of protection by monitoring electrical flow and quickly cutting off the power supply in case of a fault, which further enhances safety in these environments. Choosing a voltage higher than 12 volts can increase the potential for severe electric shock or electrocution, especially in wet conditions. Therefore, the regulation emphasizes 12 volts D.C. to maintain a safe working environment for individuals in potentially hazardous areas.

2. What should be done with the OSHA 200 Log at the end of each year?

- A. File it away for records
- B. Post the summary for employees to view in February**
- C. Submit it to OSHA
- D. Destroy it to maintain confidentiality

At the end of each year, the OSHA 200 Log, which is a record of work-related injuries and illnesses, should be summarized, and this summary must be posted in a visible area for employees to view, typically during the month of February. This requirement ensures transparency within the workplace regarding safety issues and helps employees understand the extent of workplace injuries and illnesses. By posting the summary, organizations comply with OSHA regulations aimed at fostering a safer work environment through awareness and education. This practice not only fulfills legal obligations but also promotes a culture of safety and encourages open communication among employees about workplace hazards. The summary provides valuable information that can assist in identifying trends and areas that need improvement in workplace safety and health management.

3. The walls and faces of trenches ___ feet or more deep, and all excavations in which employees are exposed to danger from moving ground or cave-in, must be guarded.

- A. 3
- B. 5**
- C. 7
- D. 10

The correct answer is based on OSHA regulations, which state that any trench that is 5 feet deep or more must be properly guarded or protected. This prompted the establishment of safety protocols to prevent accidents, such as cave-ins, which pose significant risks to workers in excavation sites. At depths of 5 feet and greater, the risk of soil shifting and collapsing increases substantially. Therefore, safety measures such as shoring, sloping, or using trench boxes are required to ensure the safety of workers. This regulation helps to mitigate the dangers associated with deep excavations where the potential for ground movement exists, reinforcing the importance of adhering to safety standards in construction and excavation work. The other depth options do not align with the specific requirements outlined for trench safety, as they either set the threshold higher than necessary or below the critical point where protective measures must be taken.

4. Should written safety work rules be subject to review or change?

- A. Yes, they should always be revised
- B. No, they should be fixed
- C. They should be reviewed periodically**
- D. Only when there is an incident

Written safety work rules are essential for maintaining a safe working environment, and periodic review is crucial for several reasons. Regular reviews ensure that the rules stay current with any changes in regulations, industry standards, and best practices. Additionally, as new hazards are identified and new technologies are introduced, the safety protocols may need to be adapted to address these changes. Periodic reviews facilitate the incorporation of feedback from the workforce, allowing for adjustments based on real-world experiences and insights from employees who are actively engaged in the work processes. This engagement can lead to improved adherence to safety protocols, as workers see their concerns and suggestions taken seriously. Moreover, routine reviews help organizations remain compliant with legal requirements and demonstrate a commitment to safety, which can enhance a company's reputation and its workers' morale. This approach to safety management creates a dynamic and responsive safety culture, ensuring that safety rules are not only effective but also relevant to the current work environment.

5. Substances that pose _____ hazards include those that may be irritating, corrosive, sensitizing or toxic.

A. Physical

B. Health

C. Environmental

D. Radiological

Substances that pose health hazards are those that can affect a person's well-being and physical condition through various means. These substances can cause irritation to the skin or respiratory system, corrosion that damages body tissues, sensitization that leads to allergic reactions, or toxicity that can lead to serious health issues. Understanding these hazards is crucial for maintaining safety in any environment where potentially harmful substances are present, as proper safety measures, personal protective equipment, and training can reduce the risk of adverse health effects on workers. The focus here is on the immediate impact of these substances on the human body and health, distinguishing them from physical hazards, which may refer to dangers like slips and falls, or environmental hazards that affect ecosystems. Radiological hazards, on the other hand, pertain specifically to radioactive materials and their effects, which do not apply to the broad range of irritants or toxic substances listed in the question.

6. What indicates that ANSI Approved Industrial Safety Glasses have safety lenses?

A. Lenses are colored

B. Marked with the manufacturer's monogram

C. Have a black frame

D. Come with a warranty

The indication that ANSI Approved Industrial Safety Glasses have safety lenses is that they are marked with the manufacturer's monogram. This marking is part of the American National Standards Institute (ANSI) standards, which ensure that the safety glasses meet specific criteria for impact resistance and optical quality. These standards are crucial in determining whether the glasses provide adequate protection for industrial and safety environments. When you see the manufacturer's monogram, it serves as a certification that the lenses have been tested and meet the regulatory safety requirements, ensuring they can withstand high-velocity impacts and provide the necessary eye protection. Other characteristics, such as lenses being colored, the frame color, or warranty details, do not inherently signify that the lenses meet safety standards or provide the necessary protection for industrial use, which is why they are not valid indicators.

7. The white portion of the NFPA diamond provides information on:

- A. Health hazards**
- B. Special warnings**
- C. Fire hazards**
- D. Reactivity hazards**

The white portion of the NFPA diamond indeed provides information on special hazards, which can include specific risks that do not fall into the standard categories of health, flammability, or reactivity. This section is utilized to convey additional warning symbols or notes, such as the need for personal protective equipment or special precautions that must be taken when handling a particular substance. Understanding these special warnings is crucial for ensuring the safety of workers, as they address unique hazards that could be associated with certain materials, enhancing awareness and preparedness in potentially dangerous situations.

8. Should an effective safety program include subcontractors?

- A. Yes, to ensure safety across all areas**
- B. No, they should be excluded**
- C. Only if they are on-site regularly**
- D. Only in emergency situations**

An effective safety program must encompass all individuals who are involved in a project, which includes subcontractors. The rationale behind this is that subcontractors often work closely with other team members, and their adherence to safety protocols is crucial for maintaining a safe working environment for everyone on-site. Including subcontractors in safety training and practices ensures that all personnel are aware of the specific hazards associated with the project and understand the safety policies in place. When a safety program excludes subcontractors, it creates gaps in safety measures that can lead to accidents or unsafe conditions. All workers, regardless of their contractual status, must be oriented regarding the safety standards and practices to foster a comprehensive approach to workplace safety. Therefore, an effective safety program should be inclusive and promote a culture of safety that extends to all participants in the project.

9. What is the correct procedure for accident investigations?

- A. They must always be conducted by the safety supervisor**
- B. They can be done by any employee**
- C. They should involve both safety personnel and regular employees**
- D. They can be conducted by a supervisor or designated personnel**

The correct procedure for accident investigations is that they can be conducted by a supervisor or designated personnel. This approach ensures that the investigation is carried out by someone who has the authority to implement changes and can understand the operational context of the incident. Designated personnel may have specific training or experience in investigation processes, which allows for a more thorough review of the circumstances surrounding the accident. Involving a supervisor or designated personnel also helps maintain objectivity in the investigation. They can focus on gathering facts, interviewing witnesses, and assessing unsafe conditions or behaviors without the potential biases that may come from involving any employee, which could affect the integrity of the investigation. Conducting investigations in this way promotes accountability and effectiveness, ensuring that findings are appropriately documented and that corrective measures are implemented to prevent future occurrences.

10. What must OSHA representatives do regarding details of a complaint if someone is compliant?

- A. Provide full details**
- B. Keep details confidential**
- C. Only share basic information**
- D. No requirements on information sharing**

OSHA representatives are required to keep the details of a complaint confidential to protect the privacy of the complainant and encourage reporting without fear of retaliation. This confidentiality is a critical part of maintaining trust in the reporting system and ensuring that individuals feel safe when bringing concerns to light. By safeguarding personal information and specific complaint details, OSHA can uphold the integrity of the investigative process and encourage a culture of safety where workers are willing to address hazards. This practice assures that individuals can report issues without worry, which is essential for effective workplace safety and health management.

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://nccersafety.examzify.com>

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

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