

MSSC Hire Tech Safety Practice Test (Sample)

Study Guide



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SAMPLE

Questions

SAMPLE

- 1. OSHA requires that a copy of what must be readily available to all employees?**
 - A. Employee Handbook**
 - B. Emergency Plan**
 - C. Hazard communication program and SDS sheets**
 - D. Training Manuals**
- 2. What is the proper procedure for lifting a box to prevent injury?**
 - A. Keep feet close together and lift with back**
 - B. Bend at the waist while lifting**
 - C. Feet shoulder width apart, bend at the knees, lift with legs**
 - D. Lift quickly to avoid strain**
- 3. When should safety glasses be worn?**
 - A. When working outdoors**
 - B. When working with chemicals**
 - C. When using a drill press**
 - D. When performing maintenance**
- 4. After ____ by a new employee, participation is documented according to company policy.**
 - A. Safety training**
 - B. Safety orientation**
 - C. Job training**
 - D. Cross training**
- 5. What type of training prepares employees to perform multiple jobs in a facility?**
 - A. Cross training**
 - B. Onboarding**
 - C. Task-specific training**
 - D. Safety training**

- 6. What document contains written instructions for the proper shutdown of machinery and critical systems in case of evacuation?**
- A. Operational Manual**
 - B. Emergency Action Plan (EAP)**
 - C. Safety Protocol Document**
 - D. Evacuation Checklist**
- 7. Which of the following concepts is primarily aimed at avoiding injury in the workplace?**
- A. Automation**
 - B. Ergonomics**
 - C. Standardization**
 - D. Time management**
- 8. Why should a course designer take time to learn about the students they will teach?**
- A. To create a competitive environment**
 - B. To prepare materials that communicate effectively**
 - C. To ensure all students pass**
 - D. To develop classroom management strategies**
- 9. What is a requirement during a monthly fire system inspection?**
- A. Check for obstructions in all exits**
 - B. Check the dates and charge on all extinguishers**
 - C. Replace any activated alarms**
 - D. Test all emergency lighting systems**
- 10. Which safety measure is crucial for recognizing and addressing workplace hazards?**
- A. Regular equipment maintenance**
 - B. Safety training programs**
 - C. Hazard awareness**
 - D. Incident reports**

Answers

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

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Explanations

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1. OSHA requires that a copy of what must be readily available to all employees?

A. Employee Handbook

B. Emergency Plan

C. Hazard communication program and SDS sheets

D. Training Manuals

The correct answer is that OSHA requires a copy of the hazard communication program and Safety Data Sheets (SDS) to be readily available to all employees. This requirement is part of the OSHA Hazard Communication Standard, which aims to ensure that workers are informed about the hazardous chemicals they may encounter in their workplace. Providing accessible information on hazardous substances allows employees to understand the risks associated with these chemicals and how to protect themselves effectively. SDS sheets, in particular, are crucial as they provide detailed information about the properties of each chemical, including handling, storage, and emergency procedures. The availability of this information empowers employees to make safer choices while working and ensures compliance with safety regulations. In contrast, while employee handbooks, emergency plans, and training manuals are important for different aspects of workplace safety and operations, they are not specifically mandated by OSHA to be available in the same way that the hazard communication program and SDS sheets are. This focus reflects the priority OSHA places on chemical safety and proper communication regarding workplace hazards.

2. What is the proper procedure for lifting a box to prevent injury?

A. Keep feet close together and lift with back

B. Bend at the waist while lifting

C. Feet shoulder width apart, bend at the knees, lift with legs

D. Lift quickly to avoid strain

The procedure of keeping your feet shoulder-width apart, bending at the knees, and lifting with your legs is crucial for preventing injury while lifting heavy objects. This method utilizes the strength of the leg muscles, which are much stronger than those of the back. By maintaining a stable base with your feet positioned apart, you enhance your balance and reduce the risk of losing control while lifting. Bending at the knees allows you to lower your body in a natural position, reducing stress on your spine and minimizing the chances of straining your back. Lifting with the legs, rather than the back, helps distribute the weight more effectively and engages the larger muscle groups in your legs, providing more power for the lift while keeping your back in a safer, neutral position. The other options suggest methods that could lead to injury. Keeping feet close together could compromise balance, and bending at the waist places excessive strain on the back. Lifting quickly may lead to improper form and increased risk of injury due to lack of control.

3. When should safety glasses be worn?

- A. When working outdoors
- B. When working with chemicals
- C. When using a drill press**
- D. When performing maintenance

Safety glasses should be worn when using a drill press because this equipment can create flying debris, such as metal shavings or wood splinters, which can pose a significant risk of eye injury. The rotating drill bit can also generate dust and particles that may come into contact with the eyes, leading to potential harm. Wearing safety glasses acts as a protective barrier, significantly reducing the likelihood of eye injuries in this environment. While safety glasses are often recommended in various other scenarios—such as working with chemicals, performing maintenance, or even working outdoors—the specific hazards associated with operating a drill press make it crucial to wear eye protection in that context. Safety protocols and regulations in industrial and workshop settings underline the importance of using personal protective equipment to ensure worker safety, particularly when handling machines that can potentially cause injury.

4. After ____ by a new employee, participation is documented according to company policy.

- A. Safety training
- B. Safety orientation**
- C. Job training
- D. Cross training

The correct answer, safety orientation, is significant because it serves as the initial introduction to a company's safety policies, procedures, and expectations. During safety orientation, new employees receive crucial information about the specific hazards present in their workplace, the use of personal protective equipment, emergency procedures, and general safety practices that are essential for maintaining a safe working environment. Documenting participation after this training ensures that the company has a record of employee training, which is critical for compliance with safety regulations and for tracking the preparedness of employees regarding workplace safety. Other training types, such as job training or cross-training, while important for skill development and versatility, typically focus more on performing specific tasks related to job roles rather than establishing foundational safety knowledge. Documentation from these trainings generally does not encompass the extensive safety protocols introduced during the safety orientation.

5. What type of training prepares employees to perform multiple jobs in a facility?

- A. Cross training**
- B. Onboarding**
- C. Task-specific training**
- D. Safety training**

Cross training is a practice that equips employees with the skills and knowledge necessary to perform various roles within the facility. This type of training enhances workforce flexibility and productivity, as employees can fill in for one another as needed, particularly during peak times or when someone is absent. By understanding multiple jobs, employees are better prepared to adapt to changes in workflow and contribute to a more versatile team dynamic. Onboarding primarily focuses on introducing new hires to the company and its culture, policies, and procedures, without covering the breadth of skills needed for various roles. Task-specific training is centered around educating employees on specific tasks or operations, which may not encompass a wider range of job duties. Safety training is essential for ensuring that employees understand and adhere to safety protocols, but it does not address job versatility across multiple roles. Thus, cross training stands out as the best approach for preparing employees to handle various positions effectively.

6. What document contains written instructions for the proper shutdown of machinery and critical systems in case of evacuation?

- A. Operational Manual**
- B. Emergency Action Plan (EAP)**
- C. Safety Protocol Document**
- D. Evacuation Checklist**

The Emergency Action Plan (EAP) is crucial in ensuring safety during an emergency, including the proper procedures for shutting down machinery and critical systems. This document outlines actions to be taken in various emergency scenarios, detailing roles and responsibilities, communication protocols, and specific instructions for safely securing equipment to prevent accidents or hazards during an evacuation. By providing comprehensive guidance, the EAP prepares employees to act swiftly and effectively, minimizing risks to personnel and the facility. Other documents listed have different primary functions. The Operational Manual typically contains detailed instructions for normal operations and maintenance of equipment rather than emergency procedures. The Safety Protocol Document outlines safety measures and regulations but may not specifically address shutdown procedures during emergencies. An Evacuation Checklist serves as a guideline to ensure all individuals evacuate safely but does not generally cover the specifics of shutting down machinery. This distinct function of the EAP makes it the best answer in the context of the question.

7. Which of the following concepts is primarily aimed at avoiding injury in the workplace?

- A. Automation**
- B. Ergonomics**
- C. Standardization**
- D. Time management**

The concept primarily aimed at avoiding injury in the workplace is ergonomics. Ergonomics involves designing tasks, workspaces, controls, tools, and equipment to fit the human body and its cognitive abilities. This field focuses on minimizing physical strain on workers by optimizing the arrangement of their work environment, which can significantly reduce the risk of musculoskeletal disorders and other injuries that arise from repetitive strain or improper posture. By considering factors like body mechanics, posture, and environmental layouts, ergonomics seeks to ensure that employees can perform their tasks safely and comfortably. This approach not only helps in preventing injuries but also promotes efficiency and productivity, as workers can engage in their activities without discomfort or excessive fatigue. The other concepts listed, while they may contribute to an efficient workplace, do not primarily focus on injury avoidance. For example, automation aims to replace human labor with machines to enhance productivity; standardization seeks to create uniform processes to improve consistency; and time management involves organizing tasks to use time effectively. While all these aspects are important in creating a safe and efficient workplace, ergonomics is specifically designed with injury prevention at its core.

8. Why should a course designer take time to learn about the students they will teach?

- A. To create a competitive environment**
- B. To prepare materials that communicate effectively**
- C. To ensure all students pass**
- D. To develop classroom management strategies**

Understanding the students a course designer will teach is essential for preparing materials that communicate effectively. When a designer knows the students' backgrounds, learning styles, preferences, and prior knowledge, they can tailor the course content to meet the specific needs of the group. This engagement helps to ensure that the instructional materials are relevant and accessible, enhancing the learning experience and facilitating better comprehension and retention of the material. An effective communication of course content aligns with the cognitive abilities and interests of the students, fostering a more interactive and responsive classroom environment. This approach ultimately leads to improved educational outcomes, as students are more likely to connect with and understand material that resonates with their experiences and learning preferences.

9. What is a requirement during a monthly fire system inspection?

- A. Check for obstructions in all exits**
- B. Check the dates and charge on all extinguishers**
- C. Replace any activated alarms**
- D. Test all emergency lighting systems**

During a monthly fire system inspection, checking the dates and charge on all extinguishers is a crucial requirement. This process ensures that all fire extinguishers are fully operational and ready for immediate use in case of an emergency. Fire extinguishers have specific maintenance requirements, including regular inspection of their pressure gauge, checking for the presence of any physical damage, and ensuring that the inspection tag is current. This proactive measure helps to verify that the equipment has not been used or expired, and it provides assurance that personnel can respond effectively to a fire emergency. Other tasks, such as checking for obstructions in exits, testing emergency lighting systems, and replacing any activated alarms, are also important components of overall fire safety procedures, but the specific monthly inspection focus on extinguishers ensures that portable firefighting equipment is always ready. Regular attention to extinguishers mitigates risks and enhances overall preparedness in a facility for fire incidents.

10. Which safety measure is crucial for recognizing and addressing workplace hazards?

- A. Regular equipment maintenance**
- B. Safety training programs**
- C. Hazard awareness**
- D. Incident reports**

Hazard awareness is a crucial safety measure for recognizing and addressing workplace hazards because it involves actively identifying and understanding potential risks that may exist in the work environment. When employees are aware of the hazards around them, they can take proactive steps to avoid accidents and injuries. This awareness helps cultivate a culture of safety, encouraging all workers to be vigilant and report problems as they arise. In workplaces, recognizing hazards is the first step in mitigating risks. Employees trained in hazard awareness are better equipped to perceive not just obvious risks but also recognize less apparent dangers that could lead to incidents. This knowledge promotes a safer work environment by enabling workers to implement proper safety practices and communicate with management about necessary changes or safety equipment needed. While regular equipment maintenance, safety training programs, and incident reports are all important components of a comprehensive safety strategy, they rely on a foundational understanding of hazard awareness. Without employees being conscious of the hazards, the effectiveness of the other safety measures can be diminished, highlighting the importance of hazard awareness as a priority.