

SKILLSUSA ADDITIVE MANUFACTURING PRACTICE TEST (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

<https://skillsusaadditivemanufacturing.examzify.com>



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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 word completes both blanks in the following statement: People can become part of a _____. When a person becomes part of an electrical _____, that person can be shocked.
 - A. circuit
 - B. fuse
 - C. conductor
 - D. wire
2. Regular glasses, bifocals, and sunglasses do not provide the same protection as _____.
 - A. safety glasses
 - B. sunglasses
 - C. goggles
 - D. face shield
3. Which item is not an approved piece of personal protective equipment?
 - A. Scarf
 - B. Helmet
 - C. Safety Glasses
 - D. Gloves
4. A FAT/CAT report shows information on workplace fatalities and catastrophes.
 - A. Incident Reports
 - B. FAT/CAT Report
 - C. Injury Logs
 - D. Safety Audits
5. The three parts of an OSHA inspection are an opening conference, a _____, and a closing conference.
 - A. Walkthrough
 - B. Interview
 - C. Audit
 - D. Tour

- 6. Which officer is most likely responsible for providing a year-end report on the chapter's accomplishments?**
- A. President
 - B. Vice-President
 - C. Secretary
 - D. Treasurer
- 7. Which of the following is a technical skill?**
- A. Computer and technology literacy
 - B. Leadership
 - C. Teamwork
 - D. Planning
- 8. Which statement best captures how the SkillsUSA Framework components relate to one another?**
- A. All skills in the Framework work together
 - B. Only core technical skills matter
 - C. Soft skills replace hard skills
 - D. Framework components are independent
- 9. What do the hands represent on the SkillsUSA emblem?**
- A. The individual
 - B. The common union
 - C. The industrial society
 - D. Knowledge
- 10. To make a motion at a meeting, you must state your motion by saying _____.**
- A. I move that...
 - B. I propose that...
 - C. Let us discuss
 - D. We should consider

Answers

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

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Explanations

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1. What word completes both blanks in the following statement: People can become part of a _____. When a person becomes part of an electrical _____, that person can be shocked.

A. circuit

B. fuse

C. conductor

D. wire

The key idea is how electricity flows through a complete path. People can become part of a circuit by completing the electrical path between the power source and return. When a person becomes part of an electrical circuit, current can flow through the body, which can cause a shock. The term circuit is the standard way to describe that complete path for current. A fuse is a protective device, not something a person becomes part of. A conductor describes a material that carries current, not a person joining it. A wire is a component that carries current, but you wouldn't say a person becomes part of a wire.

2. Regular glasses, bifocals, and sunglasses do not provide the same protection as _____.

A. safety glasses

B. sunglasses

C. goggles

D. face shield

Eye protection must combine impact resistance with good coverage to guard against common shop and lab hazards. Regular glasses, bifocals, and sunglasses aren't tested or designed to withstand flying particles or splashes, and they often don't offer adequate protection from the sides. Safety glasses are built to meet impact standards (for example, ANSI Z87.1) and provide shatter-resistant lenses plus side shields or wraparound protection, giving reliable guard against debris that could injure the eyes. Sunglasses mainly reduce glare and UV exposure, not impact; goggles can offer more seal and protection but aren't the standard everyday eye protection here; face shields protect the whole face but may leave the eyes at risk from particles that can reach from the sides or underneath. So safety glasses provide the appropriate combination of impact resistance and eye coverage for typical hazards.

3. Which item is not an approved piece of personal protective equipment?

A. Scarf

B. Helmet

C. Safety Glasses

D. Gloves

In a workshop setting, personal protective equipment is chosen to reduce specific hazards such as head impacts, flying debris, and hand injuries. A scarf isn't approved PPE because it's loose fabric that can easily get caught in machines or rotating parts, creating serious entanglement and injury risks. In contrast, a helmet is designed to absorb and lessen impact to the head, safety glasses shield the eyes from chips and debris, and gloves protect the hands from cuts, abrasions, and heat. Since the scarf can compromise safety and doesn't meet PPE standards, it is not approved.

4. A FAT/CAT report shows information on workplace fatalities and catastrophes.

- A. Incident Reports
- B. FAT/CAT Report**
- C. Injury Logs
- D. Safety Audits

FAT/CAT stands for Fatality/Catastrophe, and this report is specifically used to capture details about the most serious workplace events—fatalities and catastrophic incidents. It is the designated record for documenting what happened, when, where, who was involved, and immediate actions, often with a focus on regulatory reporting and initiating investigations. This focus on the severe events is why it's the best fit for the statement. Other records serve different purposes: incident reports cover a broad range of incidents, injury logs track injuries, and safety audits review compliance and safety program effectiveness rather than documenting fatal or catastrophic events.

5. The three parts of an OSHA inspection are an opening conference, a _____, and a closing conference.

- A. Walkthrough**
- B. Interview
- C. Audit
- D. Tour

The middle step in an OSHA inspection is the walkthrough. After the opening conference, inspectors move through the workplace to observe actual conditions, watch how work is performed, and verify safety records and procedures in the real environment. This on-site, first-hand looking around is what the walkthrough captures best, because it shows hazards and compliance issues as they exist in daily operations. Interviews may happen during this process, but they aren't the formal middle phase. An audit is a broader, longer-term review, and a tour implies a more general look without the structured inspection focus, whereas the walkthrough conveys the purposeful, step-by-step examination OSHA uses.

6. Which officer is most likely responsible for providing a year-end report on the chapter's accomplishments?

- A. President
- B. Vice-President**
- C. Secretary
- D. Treasurer

Think about who is responsible for presenting a summary of what the chapter has done. The Vice-President typically steps in to assist the President and to oversee programs and activities, keeping track of what has been accomplished. At the end of the year, this officer is in a good position to compile and deliver a year-end report that highlights the chapter's accomplishments, events, and projects. The Secretary maintains records and meeting minutes, the Treasurer handles finances, and the President leads the meetings; their duties align more with documentation, money, and leadership rather than delivering the overall accomplishments in a consolidated year-end report. The Vice-President is the one who naturally takes on that year-end recap.

7. Which of the following is a technical skill?

A. Computer and technology literacy

B. Leadership

C. Teamwork

D. Planning

Technical skills are the abilities to operate equipment, software, and tools used to manufacture products. Computer and technology literacy fits here because it covers using computers and digital tools essential to modern manufacturing—designing or modeling with software, preparing files for 3D printing, running slicers, and managing printer data. In additive manufacturing, you rely on these software tools to translate a design into a printable format and to control the printing process, so proficiency with computers and technology is a specific technical capability. Leadership, teamwork, and planning are important for coordinating work and guiding projects, but they relate more to behavioral or employability skills rather than the hands-on, tool- and software-based tasks that define technical skills.

8. Which statement best captures how the SkillsUSA Framework components relate to one another?

A. All skills in the Framework work together

B. Only core technical skills matter

C. Soft skills replace hard skills

D. Framework components are independent

The framework is an integrated system where technical skills, personal skills, and workplace skills all connect and reinforce each other. Development in one area enhances performance in the others, so success comes from applying technical know-how together with communication, teamwork, professionalism, and responsible work habits. For example, a strong technical ability is most effective when paired with clear communication and reliability to ensure tasks are completed safely and on time. If you focus only on technical skills, you miss how soft and workplace skills help actually use those skills in real settings. Soft skills don't replace hard skills; they accompany and enable them. And the components aren't independent—together they form a holistic path to career readiness.

9. What do the hands represent on the SkillsUSA emblem?

A. The individual

B. The common union

C. The industrial society

D. Knowledge

The hands on the emblem symbolize the individual—the student or worker who is actively developing skills. This image conveys personal responsibility, effort, and readiness to learn and contribute. SkillsUSA focuses on each person growing, thriving in skilled trades, and collaborating with others, and that personal effort is the part most clearly shown by the hands. Other features on the emblem represent broader ideas such as knowledge and collaboration with industry, but the hands themselves are the direct representation of the individual.

10. To make a motion at a meeting, you must state your motion by saying

_____.

A. I move that...

B. I propose that...

C. Let us discuss

D. We should consider

Introducing a motion uses the formal phrase "I move that..." This signals to the chair and the entire assembly that you are placing a specific proposal on the floor for consideration. It begins the procedural sequence: after you say it, another member typically seconds the motion to show there is interest in debating it, then the group discusses, possibly amends, and finally votes. The other options don't carry the formal motion on the floor; they may express ideas or invite discussion, but they don't initiate the formal process and may not be recognized as a motion for debate. Using the standard wording keeps meetings orderly and aligned with established rules.

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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://skillsusaadditivemanufacturing.examzify.com>

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

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