CHICAGO SUPERVISING ELECTRICIAN PRACTICE EXAM (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

VISIT US ONLINE FOR THE FULL VERSION STUDY GUIDE

https://chicagosupervisingelectrician.examzify.com

Copyright © 2026 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain accurate, complete, and timely information about this product from reliable sources.

SAMPLE

Table of Contents

Copyright 1

Table of Contents 2

Introduction 3

How to Use This Guide 4

Questions 5

Answers 8

Explanations 10

Next Steps 15

SAMPLE

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.

SAMPLE

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!

SAMPLE

Questions

SAMPLE

1. Which article addresses community antenna technology?

A. Article 820

B. Article 830

C. Article 840

D. Article 850

2. What type of systems does Article 750 primarily discuss?

A. Energy Management Systems

B. Fire alarm systems

C. Optical Fiber Cables

D. Direct Current Microgrids

3. Which Article addresses the use of overhead electrical conductors?

A. Article 399

B. Article 400

C. Article 402

D. Article 392

4. What does Article 810 primarily address?

A. Energy Management Systems

B. Class 1, Class 2, and Class 3 Circuits

C. Radio and Television Equipment

D. Instrumentation Tray Cable

5. Article 324 focuses on which type of cable?

A. Armored Cable: Type AC

B. Flat Conductor Cable: Type FCC

C. Integrated Gas Spacer Cable

D. Surge-Protective Devices

6. Which article addresses the safety standards for audio signal processing and amplification?

A. Article 640

B. Article 605

C. Article 610

D. Article 625

SAMPLE

7. Which article includes regulations for repair and storage in garages?

A. Article 503
B. Article 511
C. Article 512
D. Article 514

8. What type of locations does Article 518 refer to?

A. Food service establishments
B. Healthcare institutions
C. Assembly occupancies
D. Outdoor events

9. What type of systems does Article 692 cover?

A. Wind Electric Systems
B. Fuel Cell Systems
C. Energy Storage Systems
D. Emergency Systems

10. What type of conduit is called Liquidtight Flexible Nonmetallic Conduit?

A. Type LFMC
B. Type LFNC
C. Type EMT
D. Type ENT

SAMPLE

Answers

SAMPLE

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

SAMPLE

Explanations

SAMPLE

1. Which article addresses community antenna technology?

A. Article 820

B. Article 830

C. Article 840

D. Article 850

Article 820 of the National Electrical Code specifically deals with community antenna television (CATV) and satellite dish installations. This article outlines the safety requirements and installation practices necessary for equipment that is part of television distribution systems. It includes guidelines on the installation of cable wiring, grounding methods, and protection from electrical hazards. Community antenna technology, in essence, refers to systems that allow for the distribution of television signals to multiple users within a community, emphasizing the importance of adhering to safety standards to prevent electrical issues, such as interference or damage related to lightning strikes or surges. In contrast, Articles 830, 840, and 850 pertain to other specialized areas. Article 830 focuses on communications systems, Article 840 addresses premises-powered broadband communications systems, and Article 850 discusses information transport systems. While these articles cover various forms of telecommunications and network systems, none explicitly target community antenna technologies in the manner outlined in Article 820. Thus, it is critical to recognize that Article 820 is essential for understanding the specific regulations applicable to community antenna technology.

2. What type of systems does Article 750 primarily discuss?

A. Energy Management Systems

B. Fire alarm systems

C. Optical Fiber Cables

D. Direct Current Microgrids

Article 750 primarily discusses Energy Management Systems. This article provides guidelines and standards for the installation and maintenance of systems designed to monitor, control, and optimize energy use in buildings. These systems are critical for enhancing energy efficiency, reducing operating costs, and supporting sustainability initiatives. Energy Management Systems involve integrating various components, including sensors, controls, and software, to provide real-time data and analytics about energy consumption. This allows facilities to implement strategies for energy conservation and management. In contrast, the other options focus on different applications. Fire alarm systems, for instance, are covered under distinct sections of the National Electrical Code that specify their installation and operational requirements. Optical Fiber Cables are addressed in different articles dealing with telecommunications and data transmission. Direct Current Microgrids, while relevant in specific contexts, do not fall under the purview of Article 750, which specifically targets energy management rather than broader electrical system applications.

SAMPLE

3. Which Article addresses the use of overhead electrical conductors?

A. Article 399

B. Article 400

C. Article 402

D. Article 392

The correct choice is Article 399, which specifically covers the use of overhead electrical conductors. This article outlines the safety requirements, installation practices, and maintenance considerations for overhead conductors that distribute electrical power in open-air environments. Understanding this article is crucial for ensuring safety and compliance with electrical codes, as overhead conductors have unique challenges, including exposure to weather elements and the necessity for proper clearance from buildings and other structures. It addresses factors such as load-carrying capacity, conductor sizing, and protection against mechanical damage, all of which are essential for the effective and safe distribution of electricity overhead. The other articles mentioned focus on different aspects of electrical installations; for example, Article 400 generally deals with flexible cords and cables, Article 402 primarily pertains to conductors that are installed underground, and Article 392 addresses cable trays. Each of these has its specific scope, which does not encompass the regulations and standards applicable to overhead conductors, highlighting why Article 399 is the relevant reference in this case.

4. What does Article 810 primarily address?

A. Energy Management Systems

B. Class 1, Class 2, and Class 3 Circuits

C. Radio and Television Equipment

D. Instrumentation Tray Cable

Article 810 primarily addresses radio and television equipment, focusing on the installation requirements, protection methods, and grounding techniques pertinent to these types of devices. The article provides guidelines to ensure the safe and effective installation of antennas, lead-in conductors, and associated equipment, encompassing both the safety of the equipment and the wiring practices to minimize interference and hazards. The context of this article is vital in the electrical trade, as it directly relates to the performance and reliability of communication technologies, which are widely used in residential and commercial applications. Mastery of these standards is crucial for supervising electricians who are tasked with ensuring that installations meet both local codes and national standards related to radio and television apparatus. In contrast, energy management systems, Class circuits, and instrumentation tray cables fall under different articles focusing on their specific requirements and regulations. Each area has its dedicated standards, which highlights the importance of referencing the appropriate sections of the National Electrical Code (NEC) when dealing with various electrical installations.

5. Article 324 focuses on which type of cable?

A. Armored Cable: Type AC

B. Flat Conductor Cable: Type FCC

C. Integrated Gas Spacer Cable

D. Surge-Protective Devices

Article 324 specifically addresses Flat Conductor Cable (Type FCC). This type of cable is designed with flat conductors that are typically used in applications where space is limited, and flexibility is required. The design allows it to be easily routed around obstacles, making it suitable for installations in tight areas. Additionally, Article 324 outlines the installation requirements, usage conditions, and safety standards necessary to ensure that Flat Conductor Cable operates effectively and safely in electrical systems. Familiarity with the specifics outlined in this article helps electricians understand where and how to properly employ this type of cable, ensuring compliance with electrical codes and effective system performance.

SAMPLE

6. Which article addresses the safety standards for audio signal processing and amplification?

A. Article 640

B. Article 605

C. Article 610

D. Article 625

Article 640 specifically addresses the safety standards for audio signal processing and amplification. This article provides regulations and guidelines that ensure the safe installation and operation of audio equipment, which includes aspects related to signal processing and amplification systems. The focus is on preventing hazards such as electrical shock, fire, and equipment damage, ensuring that technicians and those involved with audio systems can work safely and comply with industry standards. Other articles mentioned focus on different areas of electrical installations. For example, Article 605 pertains to conductors and wiring methods for low voltage power-limited circuits, while Article 610 deals with elevators and escalators, and Article 625 focuses on electric vehicle charging systems. Each article has a specific scope and set of requirements relevant to its subject area, distinguishing them from Article 640's focus on audio signal processing and amplification.

7. Which article includes regulations for repair and storage in garages?

A. Article 503

B. Article 511

C. Article 512

D. Article 514

The correct choice addresses safety concerns and regulations specific to garages, where vehicles are stored and repaired. Article 511 focuses on the unique requirements for garages used for motor vehicle repair and storage. It outlines safety measures, including adequate ventilation, wiring methods, and the use of materials suitable for a potentially hazardous environment, which is crucial for preventing fire risks and ensuring the well-being of personnel working in these spaces. By detailing the requirements for both electrical installations and structural considerations, Article 511 aims to create a safer environment for both workers and any vehicles being serviced. This is especially important because garages often involve the use of flammable materials and liquids, which necessitate adherence to strict regulations to minimize hazards.

8. What type of locations does Article 518 refer to?

A. Food service establishments

B. Healthcare institutions

C. Assembly occupancies

D. Outdoor events

Article 518 specifically addresses assembly occupancies, which are locations designed for gathering people together, such as theaters, auditoriums, and similar spaces where individuals congregate for activities like performances, speeches, or other events. The provisions in this article focus on the safety and electrical requirements necessary to ensure the well-being of occupants within these environments, especially given the unique risks associated with large crowds and the types of events held in assembly spaces. Understanding the characteristics of assembly occupancies is important for ensuring that proper electrical facilities are in place for lighting, sound systems, and other electrical needs. This knowledge is critical for a supervising electrician, as they are responsible for overseeing installations and ensuring compliance with the National Electrical Code as it relates to assembly venues, promoting safety and effective operation.

SAMPLE

9. What type of systems does Article 692 cover?

A. Wind Electric Systems

B. Fuel Cell Systems

C. Energy Storage Systems

D. Emergency Systems

Article 692 specifically addresses Fuel Cell Systems, which are utilized for converting chemical energy from fuels, such as hydrogen, directly into electricity through an electrochemical reaction. This article includes regulations concerning their design, installation, and maintenance to ensure safety and efficiency in operation. Fuel cell technologies can provide reliable power for various applications, including stationary, portable, and transport power generation. Understanding the intricacies of fuel cell systems according to the standards set forth in Article 692 ensures that electricians and engineers can effectively navigate the unique challenges and requirements these systems present. In contrast, the other choices refer to different areas of electrical systems. Wind Electric Systems are covered under their specific articles, which focus on different regulatory aspects, while Energy Storage Systems typically align with other relevant codes and standards. Emergency Systems also fall under separate regulations that pertain to backup power solutions. Each of these types of systems has distinct characteristics and regulatory frameworks, which is why it's clear that Article 692 is dedicated to Fuel Cell Systems alone.

10. What type of conduit is called Liquidtight Flexible Nonmetallic Conduit?

A. Type LFMC

B. Type LFNC

C. Type EMT

D. Type ENT

Liquidtight Flexible Nonmetallic Conduit is identified as Type LFNC. This conduit is designed for use in areas where protection from moisture is necessary, and it offers flexibility, making it suitable for installations that require bending or adjustments in line routing. The nonmetallic nature of LFNC makes it resistant to corrosion and suitable for a wide range of environments, including outdoor applications. It is often utilized in residential, commercial, and industrial settings to protect electrical wiring from water and other elements. Type LFMC (Liquidtight Flexible Metal Conduit) is made of metal rather than nonmetallic material and does not share the same characteristics as LFNC. EMT, or Electrical Metallic Tubing, is a type of conduit that is rigid, made of metal, and lacks the liquid-tight features present in LFNC. ENT, or Electrical Nonmetallic Tubing, while also nonmetallic, is different in terms of its construction and intended uses compared to LFNC. The distinctions among these conduit types are important for ensuring proper selection based on environmental and application requirements.

SAMPLE

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://chicagosupervisingelectrician.examzify.com

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

SAMPLE