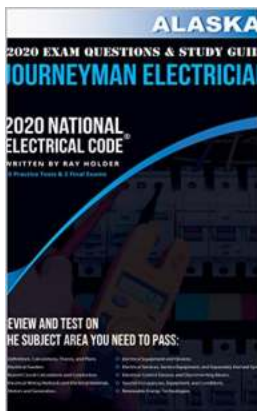


400 Questions For Study On The 2020 National Electrical Code

The National Electrical Code (NEC) is a standardized reference book that outlines the safe installation of electrical wiring and equipment in the United States. It is revised every three years, with the latest version being the 2020 edition. Electricians need to stay up to date with the latest code changes to ensure the electrical systems they work on are compliant and safe.

Studying the NEC can be a daunting task due to its extensive content and technical nature. However, breaking it down into manageable sections and focusing on practice questions can greatly aid in understanding and retention. In this article, we present to you 400 carefully curated questions to help you study and master the 2020 National Electrical Code.

1. What is the purpose of the NEC?



Alaska 2020 Journeyman Electrician Exam Questions and Study Guide: 400+ Questions for study on the 2020 National Electrical Code

by Alex Bogner (Kindle Edition)

★★★★★ 5 out of 5

Language : English

File size : 9245 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 334 pages

Screen Reader : Supported



2. When was the 2020 NEC published?
3. How often is the NEC updated?
4. What are the major changes in the 2020 NEC?
5. How many chapters does the NEC consist of?

These questions are classified according to various NEC sections and chapters, allowing you to focus on specific areas of interest or weakness. This methodical approach ensures comprehensive coverage of the code, enhancing your knowledge and confidence in navigating the electrical field.

Section 110 of the NEC covers general requirements for electrical installations. Here are a few sample questions to get you started:

1. What is the minimum working space required around electrical equipment?
2. How should conductors entering enclosures be protected from abrasion?
3. When are lockable disconnecting means required?
4. What are the marking requirements for disconnecting means?
5. What is the purpose of an equipment grounding conductor?

Section 210 focuses on branch circuits, feeders, and residential electrical systems. Here are a few questions from this section:

1. What is the maximum number of outlets allowed on a 15-ampere branch circuit in a dwelling unit?

2. Can you install a dishwasher and refrigerator on the same 15-ampere circuit?
3. What are the requirements for GFCI protection in a kitchen?
4. When is AFCI protection required for bedroom outlets?
5. What is the minimum ampacity rating for branch-circuit conductors supplying general-purpose receptacles?

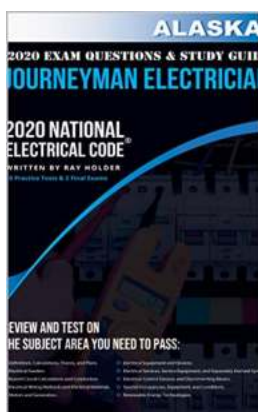
Section 250 deals with grounding and bonding requirements. Here are a few questions related to this topic:

1. What is the purpose of equipment grounding?
2. How should grounding electrodes be installed?
3. Can you use the neutral conductor as an equipment grounding conductor?
4. When is the use of isolated grounding receptacles necessary?
5. What are the requirements for bonding metal raceways?

These questions merely scratch the surface of the vast amount of information covered in the NEC. In order to thoroughly prepare for exams or stay updated in the field, it is recommended to study the codebook in its entirety along with referenced standards.

Remember, the NEC is a living document that is constantly evolving to meet the changing needs and technology of the electrical industry. Staying knowledgeable and up to date with the code not only ensures compliance but also promotes safety and professionalism in electrical installations.

Use these 400 questions as a valuable resource to sharpen your understanding of the 2020 National Electrical Code. Good luck with your studies!



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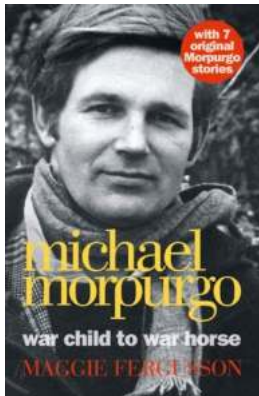
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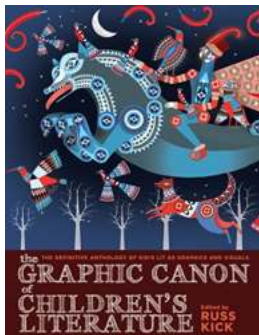
The Alaska 2020 Journeyman study guide will help you prepare for the exam by providing 12 practice open book exams and 2 Final Closed Book Exams. Includes Alaska License Forms and Sample Applications. This book also covers most topics that are included on all Journeyman Electricians exams such as conductor sizing and protection, motors, transformers, voltage drop, over-current protection and residential and commercial load calculations. The text contains the most widely used electrical calculations and formulas the reader needs to pass the Journeyman electrical competency exam. About the Author Ray Holder has worked in the electrical industry for more than 40 years as an apprentice, journeyman, master, field engineer, estimator, business manager, contractor, inspector, and instructor. He is a graduate of Texas State University and holds a Bachelor of Science Degree in Occupational Education. A certified instructor of electrical trades, he has been awarded a lifetime teaching certificate from the Texas Education Agency in the field of Vocational Education. Mr. Holder has

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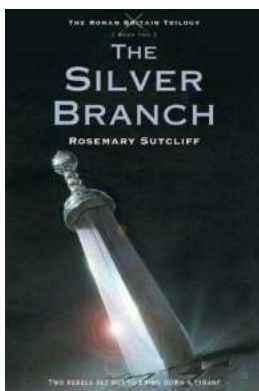
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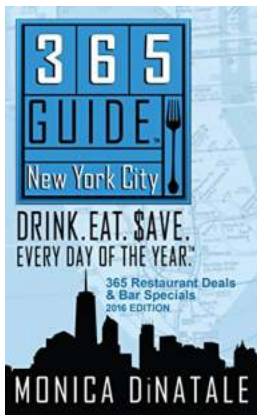
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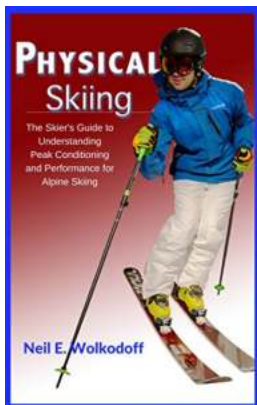
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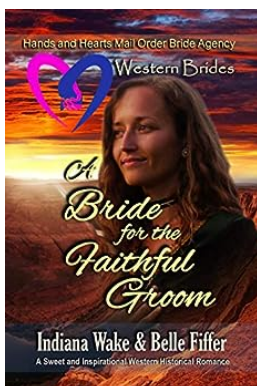
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