

ARIZONA REGISTRAR OF CONTRACTORS

NASCLA ACCREDITED TRADE EXAMINATION FOR RESIDENTIAL ELECTRICAL CONTRACTORS

SCOPE OF WORK

Installation and repair of electrical systems.

*Note: AZ applicants applying for the R-11 Electrical (Residential) have a choice of trade exams. They can elect to take either the NASCLA Accredited Trade Examination for Residential Electrical Contractors or the AZ ROC Electrical (Residential) exam. There are differences in these exams. See the PSI CIB for each exam to compare the differences and determine which exam best fits your business needs.

The NASCLA Accredited Examination Program was designed to assist contractors who wish to be licensed in multiple jurisdictions by offering a streamlined test taking option for the trade portion of the contractor examination. Candidates who take and pass the NASCLA Accredited Examination can access NASCLA's National Examination Database (NED) located on <https://ned.nascla.org> to electronically send their transcripts to jurisdictions that accept the examination in lieu of their state specific trade portion, thereby reducing redundant licensing requirements. Candidates are expected to follow individual state agency applications to become licensed, in addition to taking a business and law examination, etc. If you are unsure if this examination will meet your specific license requirements in a participating state agency, please contact the state agency directly to confirm. A complete list of participating state agencies can be found on NASCLA's website by visiting: www.nascla.org. For questions regarding the examination, please contact NASCLA via email to info@nascla.org or by phone at (623) 587-9354.

Examination	# of Questions	Minimum Passing Score	Time Allowed
NASCLA	100	70	270 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Theory	9
Personal Jobsite Safety (OSHA, NFPA 70E)	8
Project Design, Estimating, and Measurement	8
Grounding and Bonding	14
Special System and Special Equipment Installations	7
Tools and Equipment	7
Circuit Protection and Installation	16
Wiring Methods and Practices	17
Equipment for General Use	13
Energy Efficiency/Management	1

REFERENCE LIST

To find reference materials, you may use the link provided or search for the material online via a search engine such as Google. You may also go to PSI's online store at www.psonlinestore.com.

The reference material listed below was used to prepare the questions for this examination. The examination may also contain questions based on trade knowledge or general industry practices. **Except for Code books**, you can base your answers on later editions of references as they become available. For

Code questions, the examinations will be based **only** on the edition of the Code book that is listed.

Candidates may use a silent, nonprinting, non-programmable calculator in the examination center.

The following reference material is allowed in the examination center:

Physical Diagram/Blueprint Packet to be handed out onsite at the testing center.

References thru 7/31/25

1. *National Electrical Code or National Electrical Code Handbook*, 2017 or 2020, National Fire Protection Assoc, (617) 770-3000, www.nfpa.org
2. *Code of Federal Regulations - 29 CFR 1926 - OSHA Construction Industry Regulations*, 2016, Office of the Federal Register, Superintendent of Documents, PO Box 371954, Pittsburgh, PA 15250-7954, 888-293-6498, <https://www.osha.gov/laws-regs/regulations/standardnumber/1926> ISBN-10: 1354237919 or ISBN-13: 978-1354237915
3. *ANSI Z535.4 -2011, Product Safety Signs and Labels*, National Electrical Manufacturers Association (NEMA)/American National Standards Institute (ANSI)
4. *Delmar's Standard Textbook of Electricity*, 2016, Edition 6, Stephen L. Herman
5. *International Residential Code for One- and Two-Family Dwellings*, 2015 OR 2018, International Code Council, (800) 786- 4452, www.iccsafe.org.
6. *NASCLA Contractors Guide to Business, Law and Project Management*, Basic 14th Edition, National Association of State Contractors Licensing Agencies (NASCLA), Telephone: (623) 587-9354, www.nascla.org
7. *NFPA 70E - Standard for Electrical Safety in the Workplace*, 2015, ISBN-10: 1455908932 or ISBN-13: 978-1455908936NFPA 72.
8. *Soares Book on Grounding and Bonding*, 14th Edition, 2020 NEC (M2801), International Association of Electrical Inspectors (IAEI) www.iaei.org.
9. *Ugly's Electrical References*, George V. Hart, 2017 Edition, Jones and Bartlett, (800) 832-0034, www.uglys.net ISBN-10: 128411936X or ISBN-13: 978-1284119367
10. *NFPA 72 National Fire Alarm and Signaling Code* 2016 Edition ISBN-13: 978-1455911646 ISBN-10: 145591164X

References effective 8/1/25

National Electrical Code or National Electrical Code Handbook, 2020 or 2023, National Fire Protection Assoc, (617) 770-3000, www.nfpa.org, 2020: ISBN-13 978-1455922970 or ISBN-10 1455922978, 2023: ISBN-13 978-1455930340 or ISBN-10 1455930342.

Code of Federal Regulations - 29 CFR 1926 - OSHA Construction Industry Regulations, 2024, Office of the Federal Register, Superintendent of Documents, PO Box 371954, Pittsburgh, PA, <https://www.osha.gov/laws-regs/regulations/standardnumber/1926>, ISBN-13: 978-1663802439

NASCLA Contractors Guide to Business, Law and Project Management, Basic, 14th Ed., National Association of State Contractors Licensing Agencies (NASCLA), 23309 N. 17th Drive, Phoenix, Arizona 85027, Telephone: (623) 587-9519, www.nascla.org

NFPA 70E - Standard for Electrical Safety in the Workplace, 2024, ISBN-10: 1455930482 or ISBN-13: 978-1455930487.

Ugly's Electrical References, George V. Hart, 2023 Edition, Jones and Bartlett, (800) 832-0034, www.uglys.net ISBN-10: 1284275914 or ISBN-13: 978-1284275919.

NFPA 72 - National Fire Alarm and Signaling Code, 2022 Edition, National Fire Protection Association, www.nfpa.org ISBN-13: 978-1455927876 or ISBN-10: 1455927872.

Understanding Electrical Theory for NEC Applications, Mike Holt, Mike Holt Publications, ISBN: 978-1-950431-68-7

ANSI Z535.4-2023, Product Safety Signs and Labels, American National Standard for Product Safety Signs and Labels, <https://webstore.ansi.org/standards/nema/ansiz5352023-2516192>

International Residential Code (IRC), 2024, International Code Council, <https://shop.iccsafe.org/international-codes/irc-references/2024-international-residential-coder.html>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, annotated and/or indexed prior to the examination session. However, references may not be written in during the examination session. Any candidate caught writing, highlighting, underlining and/or indexing in the references during the examination will be reported to the Arizona Registrar of Contractors. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. References may be tabbed/indexed with permanent tabs only. (permanent tabs are defined as tabs that would tear the page if removed). Temporary tabs, (defined as Post-It notes, or other tabs that may be removed without tearing the page) are not allowed and must be removed from the reference before the exam will begin. If you are downloading from the Internet, you may bring this reference into the testing center with you as long as it is bound. You can have it spiral bound or you may hole-punch it and put it in a binder.

