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SOUTH CAROLINA RESIDENTIAL BUILDERS COMMISSION
DEPARTMENT OF LABOR, LICENSING, AND REGULATION

RESIDENTIAL BUILDERS AND RESIDENTIAL SPECIALTY EXAMINATIONS CANDIDATE INFORMATION BULLETIN

Examinations by PSI Services LLC 1
Guidelines for License Application/Qualification 1
Tips for Preparing for your License Examination 1
Examination Study Materials 1
Description of Examinations 3
Pretest Items 3
Scheduling Procedures 7
Internet Registration 7
Telephone Registration 7
Exam Accommodations 7
Canceling or Rescheduling an Appointment 7
Missed Appointment or Late Cancellation 7
Emergency Examination Center Closing 7
Examination Center Locations 7
Reporting to the Examination Center 7
Required Identification 7
Security Procedures 8
Taking the Examination by Computer 8
Tutorial 8
Test Question Screen 8
Examination Review 8
Score Reporting 9

Please refer to https://test-takers.psiexams.com/scrb for the latest updates to this bulletin.

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EXAMINATIONS BY PSI SERVICES LLC

This Candidate Information Bulletin provides you with information about the examination and application process for becoming licensed as a residential builder or residential specialty contractor in South Carolina. To be licensed, you must pass an examination to confirm that you have attained at least a minimum level of knowledge regarding the principles, practices, statutes, and regulations. The South Carolina Residential Builders Commission (state) has contracted with PSI Services LLC (PSI) to conduct its examination program. PSI provides examinations through a network of computer examination centers in South Carolina. PSI works closely with the state to be certain that examinations meet local as well as national requirements in basic principles of appraisal and examination development standards.

Apply to the state prior to registering with PSI for an examination. Once you are approved, you will receive an Examination Eligibility letter. Examination Eligibility is valid for 1 year and you are allowed 3 attempts to pass the examination within a 12-month period. You must pass **both** the Business Management and Law for Residential Builders Examination, and Residential Builder or Residential HVAC or Residential Plumbing or Residential Electrical examination within the 12-month period. **If you fail the examination three times, you shall wait twelve months from the date of the last examination attempt before being examined again.**

The following are the South Carolina licensing examinations offered by PSI Services LLC:

- Business Management and Law for Residential Builders
- Residential Builder
- Residential HVAC
- Residential Plumbing
- Residential Electrical

All questions and requests for information about examinations should be directed to:

PSI Services LLC
(855) 340-3701
https://test-takers.psiexams.com/scrb

GUIDELINES FOR LICENSE APPLICATION/QUALIFICATION

Questions about applications for licensure should be directed to the:

South Carolina Residential Builders Commission
Synergy Business Park, Kingstree Building
110 Centerview Drive
PO Box 11329
Columbia, SC 29211-1329
(803) 896-4696

To make the license qualification process go as smoothly as possible, be certain that you:

1. Obtain the appropriate eligibility (e.g., 1-year experience under a licensed builder or general contractor) in advance of applying to the Commission.
2. After you have received your eligibility letter (valid for 1 YEAR) from the state, prepare for the examination by using the examination outline in this Candidate Information Bulletin.
3. Be sure that the examination registration form that you submit to PSI is complete and accurate, and that you include the correct fees.
4. Be sure to take proper identification with you to your scheduled examination appointment.

TIPS FOR PREPARING FOR YOUR LICENSE EXAMINATION

The following suggestions will help you prepare for your license examination. Planned preparation, in addition to the required classroom hours, increases your likelihood of passing.

- Start with a current copy of the Candidate Information Bulletin and use the examination content outline as the basis of your study.
- Read study materials that cover all the topics in the content outline.
- Take notes on what you study. Putting information in writing helps you commit it to memory, and it is also an excellent business practice. Underline or highlight key ideas that will help with a later review.
- Your studies will be most effective if you study frequently, for periods of about 45 to 60 minutes. Concentration tends to wander when you study for longer periods of time.

EXAMINATION STUDY MATERIALS

The following is a list of possible study materials for the residential builders examinations. The list is given to identify resources and does not constitute an endorsement by PSI or by South Carolina Residential Builders Commission.

The reference materials listed below were 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.

Business Management and Law for Residential Builders

- ***NASCLA Contractors Guide to Business, Law and Project Management - South Carolina Residential Builders,*** *8th Edition or 9th Edition,* National Association of State Contractors Licensing Agencies (NASCLA), 23309

N. 17th Drive, Phoenix, Arizona, 85027, Telephone: 623-587-9354, www.nascla.org. (Effective 10/9/26, the exam will be based on the 8th or 9th edition. Effective 4/9/2027 the exam will only be based on the 9th edition.)

Residential Builder

- Beginning November 1, 2026: ***2024 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2)***, International Code, shop.iccsafe.org
  -OR-
  2021 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2), International Code, shop.iccsafe.org After July 1, 2027, only the 2024 editions may be used
- ***Carpentry and Building Construction***, 2010 or 2016 edition, John L. Feirer and Mark D. Feirer, Publisher: McGraw-Hill, http://www.contractorsseminars.com, 828-277-3999.
- ***The Contractor's Guide to Quality Concrete Construction***, Third Edition, 2005, American Concrete Institute, 38800 International Way/Country Club Drive, PO Box 9094, Farmington Hills, MI 48333, (248) 848-3700, htt://www.aci-int.org
- ***Modern Masonry*** - Brick, Block, Stone, Clois E.Kicklighter, 9th or 10th edition. The Goodheart-Willcox Company, (800) 323-0440, www.g-w.com
- ***BCSI: Guide to Good Practice for Handling, Installing***, Restraining, and Bracing of Metal Plate Connected Wood Trusses, 2013, Structural Building Components Association and Truss Plate Institute, (608) 274-4849, www.sbcindustry.com
- ***Gypsum Construction Handbook***, 7th Edition, 2014, United States Gypsum Company, 125 S. Franklin Street, Chicago, IL 60606, Phone (800) 874-4968, http://www.usg.com

Residential HVAC

- ***Manual J - Residential Load Calculation***, Manual J, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300. Arlington, VA 22206, (703) 575-4477, www.acca.org, ISBN 1892765012
- Beginning November 1, 2026: ***2024 International Mechanical Code with SC modifications; or 2024 South Carolina Mechanical Code***, International Code Council, 800-786-4452, shop.iccsafe.org
  -OR-
  2021 International Mechanical Code with SC modifications; or 2021 South Carolina Mechanical Code, International Code Council, 800-786-4452, shop.iccsafe.org After July 1, 2027, only the 2024 editions may be used
- ***ACCA Ductulator***, Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300. Arlington, VA 22206, (703) 575-4477, www.acca.org
- ***Code of Federal Regulations - 29 CFR Part 1926 (OSHA)***, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1 **-OR-** ***Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI***, with latest available amendments, (866) 589-3088, www.psionlinestore.com (See order form at the end of the Candidate Information Bulletin.)
- ***Modern Refrigeration and Air Conditioning***, 19th or 20th edition, Althouse/ Turnquist/ Bracciano, Goodheart-Willcox, www.g-w.com.
- ***HVAC Duct Construction Standards***, Metal And Flexible – 3rd edition, 2005, ISBN 9994246954, SMACNA, 4201 Lafayette Center Drive, Chantilly, VA 20151-1209, www.smacna.org/bookstore/ (703) 803-2980
- Beginning November 1, 2026: ***2024 International Fuel Gas Code with SC modifications; or 2024 South Carolina Fuel Gas Code***, International Code Council, 800-786-4452, shop.iccsafe.org
  -OR-
  2021 International Gas Code with SC modifications; or 2021 South Carolina Fuel Gas Code, International Code Council, 800-786-4452, shop.iccsafe.org After July 1, 2027, only the 2024 editions may be used
- ***Residential Oil Burners***, 3rd Edition, 2007, Herb Weinberger, Delmar/Thomson Learning, P.O. Box 6904, Florence, KY 41022-6904, (800) 347-7707, www.delmar.com/delmar.html, ISBN 0827350139

Residential Plumber

- Beginning November 1, 2026: ***2024 International Plumbing Code; or 2024 South Carolina Plumbing Code***, International Code Council, 800-786-4452, shop.iccsafe.org .
  -OR-
  2021 International Plumbing Code; or 2021 South Carolina Plumbing Code, International Code Council, 800-786-4452, shop.iccsafe.org After July 1, 2027, only the 2024 editions may be used
- Beginning November 1, 2026: ***2024 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2)***, International Code, shop.iccsafe.org
  -OR-
  2021 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2), International Code, shop.iccsafe.org After July 1, 2027, only the 2024 editions may be used
- ***Code of Federal Regulations - 29 CFR Part 1926 (OSHA)***, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1 **-OR-** ***Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI***, with latest available amendments, (866) 589-3088, www.psionlinestore.com (See order form at the end of the Candidate Information Bulletin.)

Residential Electrical

- Beginning November 1, 2026: ***2023 National Electrical Code (NEC) with SC modifications or National Electrical Code Handbook***, 2023 edition

-OR-
2020 National Electrical Code (NEC) with SC modifications or National Electrical Code Handbook, 2020 edition After July 1, 2027, only the 2023 editions may be used

- Beginning November 1, 2026: ***2024 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2)***, International Code, shop.iccsafe.org
  -OR-
  2021 South Carolina International Residential Code for One- and Two-Family Dwellings -OR- International Residential Code for One- and Two-Family Dwellings, -OR- International Residential Code Commentary (Volumes 1 and 2), International Code, shop.iccsafe.org
  After July 1, 2027, only the 2024 editions may be used
- ***Key Word Index***, Tom Henry, Tom Henry Bookstore, 7449 Citrus Avenue, Winter Park, FL 32792.
- ***Ugly's Electrical References***, George V. Hart, 2017, Jones and Bartlett, (800) 832-0034, www.uglys.net.
- ***Code of Federal Regulations - 29 CFR Part 1926 (OSHA)***, with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or www.access.gpo.gov/nara/cfr/cfr-table-search.html#page1 **-OR-** ***Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI***, with latest available amendments, (866) 589-3088, www.psionlinestore.com (See order form at the end of the Candidate Information Bulletin.)

NASCLA-Accredited Trade Examination for Residential Electrical Contractor

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

- *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

Many of these reference materials are available for purchase at www.psionlinestore.com or by calling the PSI Online Store, toll-free, at (866) 589-3088.

Titles currently in stock are listed on the order form near the end of this candidate information bulletin.

THESE REFERENCES WILL NOT BE AVAILABLE AT THE EXAMINATION CENTER.

DESCRIPTION OF EXAMINATION AND EXAMINATION CONTENT OUTLINE

If a test question answer could differ because of conflicting information in test reference sources, a legal requirement such as a code, law or regulation overrides any other reference. If two legal requirements appear to conflict, the state-specific code, law or regulation overrides the national one. Information from sources on the test reference list override information from other sources or persons.

The Examination Content Outlines have been approved by the South Carolina Residential Builders Commission. The outline reflects the minimum knowledge required by residential builders to perform their duties to the public in a competent and responsible manner. Changes in the examination content will be preceded by changes in this published examination content outline.

Business Management and Law for Residential Builders, Residential Builder, Residential HVAC, Residential Electrical and Residential Plumber examinations are OPEN book. Candidates may bring reference books listed in this bulletin. Reference books may be highlighted, underlined, and/or indexed. They must be otherwise unmarked (not written in) and may not contain additional papers (loose or attached).

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.

PRETEST ITEMS

In addition to the number of questions per examination, a small number of one to ten experimental items, generally, approximately 10% of the number of questions, may be

administered to candidates during the examination. These questions will not be scored. However, these questions will count against examination time. The administration of such unscored, experimental questions is an essential step in developing future licensing examinations.

NOTE: ALL CANDIDATES MUST PASS THE BUSINESS MANAGEMENT AND LAW FOR RESIDENTIAL BUILDERS EXAMINATION IN ADDITION TO THEIR TRADE EXAMINATION.

BUSINESS MANAGEMENT AND LAW FOR RESIDENTIAL BUILDERS EXAMINATION CONTENT OUTLINE

There are 50 questions in this examination. You will need to answer 34 questions correctly (68%) in order to pass. (This passing score may change as examination performance is evaluated). You are allowed 120 minutes to complete this examination.

I. **Business Management (2 Items)**
II. **Licensing Laws and Rules (2 Items)**
III. **Estimating and Bidding (8 Items)**
IV. **Contracts and Agreements (7 Items)**
V. **Project Management (7 Items)**
VI. **Insurance and Bonding (5 Items)**
VII. **Safety Recordkeeping and Reporting (1 Item)**
VIII. **Labor Laws and Employment Regulations (3 Items)**
IX. **Financial Management (4 Items)**
X. **Tax Laws (5 Items)**
XI. **Liens (3 Items)**
XII. **Environmental Laws and Regulations (3 Items)**

RESIDENTIAL BUILDER EXAMINATION CONTENT OUTLINE

There are 110 questions in this examination. You will need to answer 77 questions correctly (70%) in order to pass. (This passing score may change as examination performance is evaluated). You are allowed 360 minutes to complete this examination. This examination is limited to construction, remodeling, repair or improvement of one-, two-, or multi-family residences not exceeding three stories in height and/or 16 units in any single apartment building.

I. **General Building Construction (74 Items)**
   - **a.** General Carpentry
   - **b.** Concrete & Reinforcement
   - **c.** Estimating and Plan Reading
   - **d.** Masonry
   - **e.** Roofing
   - **f.** Site Work, Footings and Foundations

II. **Residential Electrical (12 Items)**
   - **a.** Services/Feeders/Branch Circuits
   - **b.** Overcurrent Protection
   - **c.** Grounding and Bonding
   - **d.** Conductors and Cables
   - **e.** Raceways and Boxes
   - **f.** Lighting and Specialty Applications

III. **Residential HVAC (12 Items)**
   - **a.** Hangars and Supports
   - **b.** Furnaces and Heaters
   - **c.** Chimneys, Flues, and Vents
   - **d.** Combustion Air
   - **e.** Ducts, Ventilation and Exhaust
   - **f.** Fuel Gas and Oil
   - **g.** Piping

IV. **Residential Plumbing (12 Items)**
   - **a.** General Plumbing and Regulations
   - **b.** Piping/Valves/Controls
   - **c.** Fixtures and Equipment
   - **d.** Water Supply
   - **e.** Drain/Waste and Vents/Sewers
   - **f.** Specialty Applications

RESIDENTIAL HVAC EXAMINATION CONTENT OUTLINE

There are 80 questions in this examination. You will need to answer 52 questions correctly (65%) in order to pass. (This passing score may change as examination performance is evaluated). You are allowed 240 minutes to complete this examination. Residential HVAC work including A/C and Heat pump equipment, LP and Natural Gas, including piping, fuel oil appliances and piping, ductwork and other associated trades.

I. **Insulation (3 Items)**
II. **Hangers and Supports (3 Items)**
III. **Sound, Vibration & Seismic Control (1 Item)**
IV. **Heating and Cooling Principles (6 Items)**
V. **Refrigerants (4 Items)**
VI. **Load Calculations (6 Items)**
VII. **Testing, Adjusting and Balancing (1 Item)**
VIII. **Controls (4 Items)**
IX. **A/C and Heat Pump Equipment (6 Items)**
X. **Furnaces and Heaters (5 Items)**
XI. **Chimneys, Flues and Vents (3 Items)**
XII. **Combustion Air (3 Items)**
XIII. **Ducts (14 Items)**
XIV. **Ventilation and Exhausts (3 Items)**
XV. **Safety (2 Items)**
XVI. **Fuel Gas (5 Items)**
XVII. **LP Gas (4 Items)**
XVIII. **Fuel Oil (2 Items)**
XIX. **Piping (5 Items)**

RESIDENTIAL PLUMBING EXAMINATION CONTENT OUTLINE

There are 65 questions in this examination. You will need to answer 44 questions correctly (67.7%) in order to pass. (This passing score may change as examination performance is

evaluated). You are allowed 180 minutes to complete this examination. This examination includes all plumbing work on residential structures consisting of sixteen units or less, and not exceeding 3-stories in height.

I. General Plumbing Knowledge and Regulations (15 Items)
- **a.** Repair faucets
- **b.** Determine head pressure
- **c.** Solder pipe joints
- **d.** Solvent weld pipe joints
- **e.** Calculate area and volume
- **f.** Calculate water supply friction loss
- **g.** Estimate job costs
- **h.** Cut notches and bore holes in structural members
- **i.** Install firestopping
- **j.** Fabricate pipe offsets
- **k.** Test systems
- **l.** Define plumbing terms
- **m.** Calculate developed length

II. Piping, Valves, and Controls (6 Items)
- **a.** Install PVC piping and connections
- **b.** Install CPVC piping and connections
- **c.** Install galvanized piping and connections
- **d.** Install copper tubing and connections
- **e.** Install copper piping and connections
- **f.** Install underground piping and connections
- **g.** Install valves and controls

III. Fixtures and Equipment (4 Items)
- **a.** Identify minimum plumbing needs for structures/facilities
- **b.** Install fixtures and associated equipment
- **c.** Understand requirements for specific fixtures

IV. Water Supply (4 Items)
- **a.** Install water supply and distribution lines

V. Drain, Waste and Vent and Sewers (17 Items)
- **a.** Design and install DWV systems
- **b.** Install building sewers
- **c.** Install sewer and drain cleanouts
- **d.** Install sewage ejector and sump pumps
- **e.** Install traps
- **f.** Install roof drains

VI. Isometric Analysis (9 Items)
- **a.** Obtain information from isometric drawings

VII. Safety (4 Items)
- **a.** Understand Responsibility for Providing Personal Protective Equipment
- **b.** Excavate Safely
- **c.** Provide Employees Protection in Trenches and Excavations
- **d.** Ensure Safety Training is Conducted when Needed
- **e.** Ensure Adequate Ventilation is Available for Employees
- **f.** Ensure First Aid Kit is Available per Requirements
- **g.** Ensure Personal Protective Equipment is Used Correctly
- **h.** Install Signs, Signals, and Barricades as Required
- **i.** Use All Tools and Equipment in Accordance with Requirements
- **j.** Utilize Ladders in Accordance with Requirements
- **k.** Follow Requirements for Work Around Toxic Materials
- **l.** Maintain Material Safety Data Sheets (MSDS)
- **m.** Provide Fall Protection

VIII. Specialty Applications (6 Items)
- **a.** Install Backflow Prevention
- **b.** Install water heaters, hot water storage tanks, and tankless coils
- **c.** Diagnose and repair electric water heaters
- **d.** Install and connect gas appliances and equipment
- **e.** Install water conditioning and filtration systems

RESIDENTIAL ELECTRICAL EXAMINATION CONTENT OUTLINE

There are 60 questions in this examination. You will need to answer 44 questions correctly (73.3%) in order to pass. (This passing score may change as examination performance is evaluated). You are allowed 180 minutes to complete this examination. This examination includes all electrical work on residential structures consisting of sixteen units or less, and not exceeding 3-stories in height.

Note: SC applicants taking the Residential Electrical exam have a choice of trade exams. They can elect to take either the NASCLA Accredited Trade Examination for Residential Electrical Contractors which is accepted by multiple state agencies or the SC Residential Electrical state specific exam. There are differences in these exams. See the additional information outlined in this bulletin for each exam to compare the differences and determine which exam best fits your business needs.

I. General Electrical Knowledge (13 Items)
- **a.** Calculate voltage, current and resistance in series, parallel and combination circuits
- **b.** Calculate power used in a circuit
- **c.** Understand and apply fundamental ac theory
- **d.** Calculate voltage drop for branch circuits or feeders
- **e.** Troubleshoot and test systems
- **f.** Understand and apply definitions
- **g.** Install smoke alarms
- **h.** Read and interpret blueprints and drawings
- **i.** Perform quantity take-offs
- **j.** Ensure structural requirements not compromised

II. Services, Feeders, and Branch Circuits (15 Items)
- **a.** Install services
- **b.** Install feeders
- **c.** Install branch circuits
- **d.** Install temporary installations
- **e.** Install motors used in dwellings
- **f.** Install three-phase service

III. Overcurrent Protection (5 Items)
- **a.** Understand and apply knowledge of NEC overcurrent protection requirements

IV. Grounding and Bonding (6 Items)
- **a.** General requirements
- **b.** Use tables to obtain the required sizes of grounding electrode conductor
- **c.** Use tables to obtain the required sizes of equipment grounding conductor

V. Conductors and Cables (5 Items)

a. Install underground conductors and cables
b. Perform vertical installations
c. Select a conductor
d. Armored Cable Type AC
e. Metal-Clad Cable Type MC
f. Nonmetallic-Sheathed Cable Type NM, NMC, NMS,.
g. Service Entrance Cables: Type SE and USE
h. Underground Feeder and Branch Circuit Cable Type UF

VI. Raceways and Boxes (4 Items)

a. Understand and apply general raceway requirements
b. Understand and apply general box requirements
c. Install RMC (rigid metal conduit)
d. Install EMT (electric metallic conduit)
e. Install IMC (intermediate metal conduit)
f. Install RNC (rigid non-metallic conduit)
g. Install FMC (flexible metal conduit)
h. Install LFMC (liquid-tight flexible metal conduit)
i. Install FMT (flexible metallic tubing)
j. Calculate area of raceway and number of conductors (conduit fill)
k. Install outlet, device, pull and junction boxes
l. Calculate box volume and fill

VII. Lighting (4 Items)

a. Install fixtures
b. Ground fixtures
c. Install fixture wiring
d. Understand fixture construction requirements
e. Install fluorescent fixtures
f. Install recessed fixtures
g. install switches

VIII. Specialty - pool/spa, garages, generators, wheelchair lifts (4 Items)

a. Install wiring for pools, spas and hot tubs
b. Install bonding and grounding for swimming pool, hot tub and spa bonding and all associated equipment
c. Install pool, spa and hot-tub lighting
d. Install generators
e. Install wheelchair lifts
f. Install equipment in garages

IX. Safety (4 Items)

a. Understand Responsibility for Providing Personal Protective Equipment
b. Prepare Emergency Action Plans
c. Ensure Safety Training is Conducted when Needed
d. Ensure First Aid Kit is Available per Requirements
e. Ensure Personal Protective Equipment is Used Correctly
f. Use All Tools and Equipment in Accordance with Requirements
g. Utilize Ladders in Accordance with Requirements
h. Maintain Material Safety Data Sheets (MSDS)
i. Provide Fall Protection

NASCLA-ACCREDITED TRADE EXAMINATION FOR RESIDENTIAL ELECTRICAL CONTRACTOR

There are 100 questions in this examination. You will need to answer 70 questions correctly in order to pass. You are allowed 270 minutes to complete this examination.

SC Applicants taking the Residential Electrical exam have a choice of trade exams. They can elect to take the NASCLA Accredited Trade Examination for Residential Electrical Contractors which is accepted by multiple state agencies or the SC Residential Electrical state specific exam.

The NASCLA Accredited Examination Program was designed to assist contractors and tradesmen who wish to be licensed in multiple jurisdictions by offering a streamlined test taking option for the trade portion of the 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.

NOTE: All Unlimited Building Contractor candidates are required to pass the Business Management and Law for Contractors Examination and the Unlimited Building Contractor Examination.

I. Theory (9 Items)

II. Personal Jobsite Safety (OSHA, NFPA 70E) (8 Items)

III. Project Design, Estimating, and Measurement (8 Items)

IV. Grounding and Bonding (14 Items)

V. Special System and Special Equipment Installations (7 Items)

VI. Tools and Equipment (7 Items)

VII. Circuit Protection and Installation (16 Items)

VIII. Wiring Methods and Practices (17 Items)

IX. Equipment for General Use (13 Item)

X. Energy Efficiency/Management (1 Item)

SCHEDULING PROCEDURES

ATTENTION: REGISTRATION FEES ARE NOT REFUNDABLE OR TRANSFERABLE.

Residential Builder – One Portions	$78
Residential Builder – Both Portions	$98
Residential HVAC	$78
Residential Electrical – One Portions	$75
Residential Electrical – Both Portions	$94
Residential Plumbing – One Portions	$78
Residential Plumbing – Both Portions	$94
NASCLA Residential Electrical	$116

ON-LINE (HTTPS://TEST-TAKERS.PSIEXAMS.COM/SCRB)

For the fastest and most convenient examination scheduling process, PSI recommends that you register for your examinations using the Internet. You register online by accessing PSI's registration website at https://test-takers.psiexams.com/scrb. Internet registration is available 24 hours a day.

Log onto PSI's website and select Sign in / Create Account. Select Create Account. You are now ready to pay and schedule for the exam. Enter your zip code and a list of the testing sites closest to you will appear. Once you select the desired test site, available dates will appear.

TELEPHONE REGISTRATION

For telephone registration, you will need a valid credit card (Visa, MasterCard, American Express or Discover).

PSI registrars are available at (855) 340-3701, Monday through Friday between 7:30 am and 10:00 pm, and Saturday-Sunday between 9:00 am and 5:30 pm, Eastern Time, to receive your payment and schedule your appointment for the examination.

EXAM ACCOMMODATIONS

All PSI examination centers are equipped to provide access in accordance with the Americans with Disabilities Act (ADA) of 1990, and exam accommodations will be made in meeting a candidate's needs. A candidate with a disability or a candidate who would otherwise have difficulty taking the examination should request for alternative arrangements by Clicking Here.

Candidates granted accommodation in accordance with the ADA, MUST schedule their examination by telephone and speak directly with a PSI registrar.

CANCELING OR RESCHEDULING AN APPOINTMENT

You may cancel and reschedule an examination appointment without forfeiting your fee if your cancellation notice is received 2 days before the scheduled examination date. For example, for a Monday appointment, the cancellation notice would need to be received on the previous Saturday. You may reschedule online at https://test-takers.psiexams.com/scrb or call PSI at (855) 340-3701.

Note: A voice mail message is not an acceptable form of cancellation. Please use the PSI Website or call PSI and speak directly to a Customer Service Representative.

MISSED APPOINTMENT OR LATE CANCELLATION

Your registration will be invalid, you will not be able to take the test as scheduled, and you will forfeit your examination fee, if you:

- Do not cancel your appointment two days before the scheduled testing date; or
- Do not appear for your examination appointment; or
- Arrive too late to begin your test without disrupting the center's schedule; or
- Do not present proper identification when you arrive for the examination.

EMERGENCY EXAMINATION CENTER CLOSING

In the event that severe weather or another emergency forces the closure of an examination center on a scheduled examination date, your examination will be rescheduled. PSI personnel will attempt to contact you in this situation; however, you may check the status of your examination schedule by calling (855) 340-3701. Every effort will be made to reschedule your examination at a convenient time as soon as possible.

EXAMINATION CENTER LOCATIONS

GREENVILLE/SPARTANBURG
Park East, Anderson Building
150 Executive Center Drive, Suite 104
Greenville, South Carolina 29615

COLUMBIA
111 Executive Center Dr, Suite 222
Columbia, SC 29210

CHARLESTON
4600 Goer Drive, Suite 112A
North Charleston, South Carolina 29406

BEAUFORT/HILTON HEAD
Regions Bank Building
69 Robert Smalls Pky/SC-170, Unit 4D
Beaufort, South Carolina 29906

MYRTLE BEACH
1601 North Oak Street, Suite 305
Myrtle Beach, South Carolina 29577

CHARLOTTE
Tyvola Executive Park 1
5701 Westpark Dr, #202
Charlotte, NC 28217

REPORTING TO THE EXAMINATION CENTER

On the day of the examination, you should arrive at least 30 minutes before your appointment. This extra time is for sign-in and identification and familiarizing you with the examination process. **If you arrive late, you may not be admitted to the examination center and you will forfeit your registration fee.**

REQUIRED IDENTIFICATION

Candidates must register for the exam with their LEGAL first and last name as it appears on their government issued identification. The required identification below must match the first and last name under which the candidate is registered. Candidates are required to bring one (1) form of a valid (non-expired) signature bearing identification to the test site.

PRIMARY IDENTIFICATION – Choose One

NOTE: ID must contain candidate's signature, photo, be valid and unexpired.

- State issued driver's license
- State issued identification card
- US Government Issued Passport
- US Government Issued Military Identification Card
- US Government Issued Alien Registration Card
- Canadian Government Issued ID

SECURITY PROCEDURES

The following security procedures will apply during the examination:

- You will be given a piece of scratch paper and a pencil. You will return the scratch paper and pencil during check-out.
- Only non-programmable calculators that are silent, battery-operated, do not have paper tape printing capabilities, and do not have a keyboard containing the alphabet will be allowed in the examination site.
- All personal belongings of candidates should be placed in the secure storage provided at each site prior to entering the examination room. Personal belongings **include**, **but are not limited to**, the following items:
  - **Electronic devices of any type, including cellular / mobile phones, recording devices, electronic watches, cameras, pagers, laptop computers, tablet computers (e.g., iPads), music players (e.g., iPods), smart watches, radios, or electronic games.**
  - **Bulky or loose clothing or coats** that could be used to conceal recording devices or notes. For security purposes outerwear such as, but not limited to: open sweaters, cardigans, shawls, scarves, hoodies, vests, jackets and coats are not permitted in the testing room. **In the event you are asked to remove the outerwear, appropriate attire, such as a shirt or blouse should be worn underneath.**
  - **Hats or headgear not worn for religious reasons** or as religious apparel, including hats, baseball caps, or visors.
  - **Other personal items**, including purses, notebooks, reference or reading material, briefcases, backpacks, wallets, pens, pencils, other writing devices, food, drinks, and good luck items.
- Although secure storage for personal items is provided at the examination site for your convenience, PSI is not responsible for any damage, loss, or theft of any personal belongings or prohibited items brought to, stored at, or left behind at the examination site. PSI assumes no duty of care with respect to such items and makes no representation that the secure storage provided will be effective in protecting such items. If you leave any items at the examination site after your examination and do not claim them within 30 days, they will be disposed of or donated, at PSI's sole discretion.
- During the check in process, all candidates will be asked if they possess any prohibited items. Candidates may also be asked to empty their pockets and turn them out for the proctor to ensure they are empty. The proctor may also ask candidates to lift up the ends of their sleeves and the bottoms of their pant legs to ensure that notes or recording devices are not being hidden there.
- Proctors will also carefully inspect eyeglass frames, tie tacks, or any other apparel that could be used to harbor a recording device. Proctors will ask to inspect any such items in candidates' pockets.
- If prohibited items are found during check-in, candidates shall put them in the provided secure storage or return these items to their vehicle. PSI will not be responsible for the security of any personal belongings or prohibited items.
- Any candidate possessing prohibited items in the examination room shall immediately have his or her test results invalidated, and PSI shall notify the examination sponsor of the occurrence.
- Any candidate seen giving or receiving assistance on an examination, found with unauthorized materials, or who violates any security regulations will be asked to surrender all examination materials and to leave the examination center. All such instances will be reported to the examination sponsor.
- Copying or communicating examination content is violation of a candidate's contract with PSI, and federal and state law. Either may result in the disqualification of examination results and may lead to legal action.
- Once candidates have been seated and the examination begins, they may leave the examination room only to use the restroom, and only after obtaining permission from the proctor. Candidate will not receive extra time to complete the examination.

TAKING THE EXAMINATION BY COMPUTER

The examination will be administered via computer. You will be using a mouse and computer keyboard.

TUTORIAL

Before you start your examination, an introductory tutorial is provided on the computer screen. The time you spend on this tutorial, up to 15 minutes, DOES NOT count as part of your examination time. Sample questions are included following the tutorial so that you may practice answering questions, and reviewing your answers.

TEST QUESTION SCREEN

One question appears on the screen at a time. During the examination, minutes remaining will be displayed at the top of the screen and updated as you record your answers.

IMPORTANT: After you have entered your responses, you will later be able to return to any question(s) and change your response, provided the examination time has not run out.

REVIEW OF EXAMINATION QUESTIONS

PSI, in cooperation with the South Carolina Residential Builders Commission, will be consistently evaluating the examinations being administered to ensure that the examinations accurately measure competency in the required knowledge areas. While taking the examination, examinees will have the opportunity to provide comments on any questions. Comments may be entered by clicking the Comments link on the function bar of the test question screen.

Comments will be analyzed by PSI examination development staff. PSI does not respond to individuals regarding these comments, all substantive comments are reviewed. **This is the only review of examination materials available to candidates.**

SCORE REPORTING

Your score will be given to you immediately following completion of the examination.

The following summary describes the score reporting process:

- If you **pass**, you will immediately receive a successful notification and performance summary on the screen.
- If you **do not pass**, you will immediately receive an unsuccessful notification on the screen along with a diagnostic report indicating your strengths and weaknesses by examination type.

You can print the score report from your online account.