

PSI Services LLC 3210 E Tropicana Las Vegas, NV 89121 https://test-takers.psiexams.com/ricon

STATE OF RHODE ISLAND CONTRACTORS' REGISTRATION AND LICENSING BOARD



CONTRACTOR LICENSURE EXAMINATIONS CANDIDATE INFORMATION BULLETIN

Examinations by PSI	2
Requirements for Examination	
Examination Payment and Scheduling Procedures	2
On-line, via the Internet	3
Telephone	5
Rescheduling/Canceling an Examination	5
Missed Appointment or Late Cancellation	5
Exam Accommodations	5
Emergency Examination Center Closing	5

Examination Site Location	5
Reporting to the Examination Site	5
Required Identification	5
Security Procedures	6
Taking the Examination by Computer	
Tutorial	
Examination Review	6
Score Reporting	7
Examination Content Outlines and References	7

RI CRLB EXAMINATION PROCEDURE CHECKLIST

Before registering for an examination, make sure that you have reviewed the following checklist.

Schedule for your examination:

- Prior to submitting your application to the CRLB, if required, you must have taken and successfully completed the appropriate examination.
- Examinations are administered by PSI Services, LLC. To schedule an examination, you must contact PSI via the Internet at https://test-takers.psiexams.com/ricon, or by telephone at (855) 746-8173.

Take your examination:

- To sit for the examination, you must present two forms of identification which bear your signature. One of these must also have your photograph.
- The identifications you present must be in the same name as your test application.
- Please arrive 30 minutes prior to scheduled appointment.

After your examination:

- You will receive your results upon completion.
- If you have successfully completed the examination, you may submit an application for licensure to the CRLB.
- If you did not successfully complete the examination, you must reschedule and retake the examination prior to being able to submit your application. You will be responsible for the additionally fees for testing.

EXAMINATIONS BY PSI SERVICES LLC

The Rhode Island Contractors' Registration and Licensing Board (CRLB) has contracted with PSI Services LLC (PSI) to conduct the examination program. PSI provides these examinations through a network of computer examination centers in Rhode Island and nearby states.

REQUIREMENTS FOR EXAMINATION

There are no pre-requirements necessary to take an examination. However, there may be requirements that must be met in order to submit an application to the CRLB for licensure. Visit www.crb.ri.gov for more information.

EXAMINATION PAYMENT AND SCHEDULING PROCEDURES

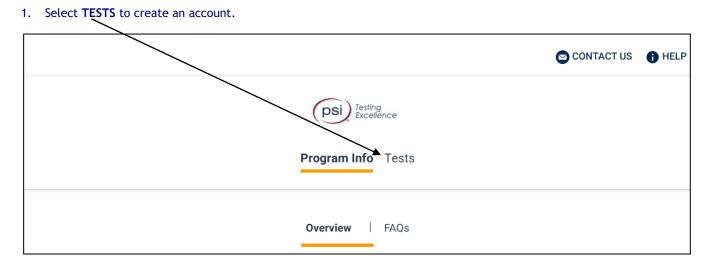
Examination Fee

\$180

NOTE: EXAMINATION FEES ARE NOT REFUNDABLE OR TRANSFERABLE. THE EXAMINATION FEE IS VALID FOR ONE YEAR FROM THE DATE OF PAYMENT.

ONLINE (https://test-takers.psiexams.com/ricon)

For the fastest and most convenient examination scheduling process, register for your examinations online by accessing PSI's registration Website: <u>Click Here</u> or on the email confirmation you received from PSI.



2. Select the examination and you are ready to create an account. Select LOGIN/REGISTER.

To continue the booking process and schedule your test, you must login or create an account.

LOGIN/REGISTER

3. You will be prompted to **CREATE AN ACCOUNT** with PSI.

The first and last name must match exactly with your current, valid, government-issued ID.

ID *	
First Name *	Last Name *
Middle Name	Generation
Email *	
	Your password must contain:
Password *	At least one capital letter A-Z
	At least one lower case letter a-z
	• At least one number 0-9
Confirm Password *	 At least one special character !@#\/\$%\/^&\/* At least 8 and up to 32 characters

4. Enter the "City or Postal Code" and select **FIND**.

Search Test Center Location]	
City, province, or postal code	Radius	Linierock Liano	Phelan Hesperia
Ventura Tailo Comerd Camarilo Daks	CO O Dank	Angeles Mt San National Forest Antonio	San Bernardino
k Google	Santa Monica	a Anaheim	Tritario Riverside Moreno Valle: Corona Cor

5. Select a date and time to book an appointment.

Choose a Date and Time

<		Oc	tober 2	021		>
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	(11)	(12)	(13)	(14)	(15)	(16)
17	(18)	(19)	(20)	(21)	(22)	(23)
24	(25)	(26)	(27)	(28)	(29)	(30)
31	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
\bigcirc			-			
			ailable 🔵	Selected		

6. You are now ready to pay.

illing Address	Order Summary
Address 1 *	Commercial Contractor Practice Test
	Mechanical Bus and Law \$100.00
Address 2	Total Price
Address 3	CONT

7. Once payment has been made you will receive a message confirming the test center, booked date, and booked time.

Booking Confirmed!! 🖶 Prin	<u>t Confirmation</u>		
Email Address:	Home Phone:	Office Phone:	
asingla81@psionline.com	111224444	2221112345	



TELEPHONE

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

PSI registrars are available at (855) 746-8173, 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 take your payment and schedule your exam.

RESCHEDULING/CANCELING AN EXAMINATION 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 call PSI at (855) 746-8173.

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

MISSED APPOINTMENT OR LATE CANCELLATION

If you miss your appointment, you will not be able to take the examination as scheduled, further you will forfeit your examination fee, if you:

- Do not cancel your appointment 2 days before the scheduled examination date;
- Do not appear for your examination appointment;
- Arrive after examination start time;
- Do not present proper identification when you arrive 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 <u>Clicking Here</u>.

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

You will need to fill this out if requesting to test out of state.

EXAMINATION SITE CLOSING FOR AN EMERGENCY

In the event that severe weather or another emergency forces the closure of an examination site on a scheduled examination date, your examination will be rescheduled. PSI personnel will attempt to contact you in this situation via telephone and email. However, you may check the status of your examination schedule by calling (855) 746-8173. Every effort will be made to reschedule your examination at a convenient time as soon as possible. You will not be penalized. You will be rescheduled at no additional charge.

EXAMINATION SITE LOCATIONS

West Hartford 1245 Farmington Ave, Suite 203 West Hartford, CT 06107

> Milford 500 BIC Drive Suite 101 Milford, CT 06461

Auburn 48 Sword St, Unit 204 Auburn, MA 01501

Boston 56 Roland St., Suite 305 Washington Crossing Charlestown, MA 02129

Fall River 218 South Main St, Suite 105 Fall River, MA 02721

Springfield 1111 Elm Street, Suite 32A West Springfield, MA 01089

REPORTING TO THE EXAMINATION SITE

On the day of the examination, you should arrive at least 30 minutes prior to your scheduled appointment time. This allows time for the sign-in and identification verification procedure as well as providing time to familiarize yourself with the examination process. *If you arrive late, you will not be admitted to the examination site and you will forfeit your examination registration fee.*

REQUIRED IDENTIFICATION AT EXAMINATION SITE

You must provide 1 form of identification. The identification must match the name you scheduled with.

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 (not allowed for remote testing)
- US Government Issued Alien Registration Card
- Canadian Government Issued ID

Failure to bring the proper documentation invalidates your registration. You will not be able to take the examination as scheduled, and you will forfeit your examination fee.



The following security procedures apply during examinations:

- You will have access to an online calculator.
- You will be given a piece of scratch paper and a pencil. These will be returned to the proctor at the end of your examination.
- Candidates may take only approved items into the examination room.
- 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.
- Person(s) accompanying an examination candidate may not wait in the examination center, inside the building or on the building's property. This applies to guests of any nature, including drivers, children, friends, family, colleagues or instructors.
- No smoking, eating, or drinking is allowed in the examination center.
- 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.

EXAMINATION REVIEW

PSI, in cooperation with the CRLB, 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.

These 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:

- <u>On screen</u> your score will appear immediately on the computer screen. This will happen automatically at the end of the time allowed for the examination.
 - If you <u>pass</u>, you will immediately receive a successful notification.
 - If you <u>do not pass</u>, you will receive a diagnostic report indicating your strengths and weaknesses by examination type with the score report.

You may request a duplicate score report after your examination by emailing <u>scorereport@psionline.com</u>.

EXPERIMENTAL QUESTIONS

In addition to the number of questions per examination, a small number of "experimental" questions (1-5) may be administered to candidates during the examinations. These questions will not be scored, and the time taken to answer them will not count against examination time. The administration of such non-scored experimental questions is an essential step in developing future licensing examinations

EXAMINATION REFERENCE MATERIAL AND CONTENT OUTLINES

UNDERGROUND UTILITIES LICENSE EXAMINATION

"Underground utility" means the installation, repair, alteration, or replacement of underground utilities, sewer lines, storm drainage lines or water lines, water service and laterals, laying drains and related services outside of buildings, making connections with public and/or private underground utilities provided that such work is to be done between the main, lateral, related services and/or appurtenances to within five feet (5') of the outer wall of a building or structure and specifically excluding gas and telecommunications work and any work defined in § 28-27-28.

"Underground utility contractor" means any corporation, association, sole proprietorship, firm, partnership, limited liability corporation, limited liability partnership, or other business organization that is engaged in the installation, repair, alteration, or replacement of underground utilities, outside of buildings, making connections with public and/or private underground utilities provided that such work is to be done between the main, laterals, services and/or appurtenances to within five feet (5') of the outer walls of a building or structure. The term "underground utility contractor" shall include any agent, servant, and/or employee of a licensed underground utility contractor. The term "underground utility contractor" does not include individuals licensed under chapter 20 of this title entitled "Plumbers and Irrigators."

# of Questions	% Required to Pass	Time Allowed
40	70% (28 correct)	100 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Safety-Code of Federal Regulations	5
General Knowledge	6
Underground Utilities-Concrete Pipe	
Installation	4
Underground Utilities-Ductile Pipe	
Installation	4
Excavating and Grading	8
Backflow	3
RI Dig Laws	5
Underground Sewer Pipes	5

REFERENCE LIST

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.

This examination is OPEN BOOK.

The following reference material <u>is</u> allowed in the examination center:

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or https://www.osha.gov/pls/oshaweb/owastand.display_stan dard_group?p_toc_level=1&p_part_number=1926 OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (855) 746-8173

Concrete Pipe and Box Culvert Installation, 2007, American Concrete Pipe Association, (972) 506-7216, https://www.concretepipe.org/pipe-boxresources/inspection/post-installation/

DIPRA Installation Guide for Ductile Iron Pipe, 2007 (revised 2012), Ductile Iron Pipe Research Association, <u>https://www.academia.edu/7676342/INSTALLATION_GUIDE_FOR_DUCTILE_IRON_PIPE</u>

Pipe and Excavation Contracting, Dave Roberts, 2011, Craftsman Book Company, (800) 829-8123, https://www.craftsman-book.com/

State of Rhode Island Plumbing Code, 2019, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478,

https://shop.iccsafe.org/media/wysiwyg/material/5920S19 -TOC.pdf



Title 39: Public Utilities and Carriers Chapter 39-1.2. Excavation Near, Underground Utility Facilities, <u>http://webserver.rilin.state.ri.us/Statutes/title39/39-</u> <u>1.2/INDEX.HTM</u>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.

COMMERCIAL ROOFING LICENSE EXAMINATION

"Roofing contractor" means any person or entity engaged in the state of Rhode Island in the business of commercial or industrial roofing, or any combination of these.

"Roofing" means and includes any and all construction, renovation or other work performed on or about the roof, as the term is commonly used, of any nonresidential structure or similar building and specifically includes sealing, water proofing, weatherproofing, related sheet metal work, and similar work.

"Nonresidential structure" means and includes any and all commercial or industrial structures or buildings and does not include any residential structures consisting of four (4) dwelling units or less.

"Shingles" means wood or other materials, excluding slate, used in courses to cover roofs.

Licensing requirements do not apply to roofing contractors applying shingles only.

# of Questions	% Required to Pass	Time Allowed
50	70% (35 correct)	120 Minutes

CONTENT OUTLINE

Subject Area	# of Items
General Roofing Knowledge	4
Low Slope Roofing	12
Steep Slope Roofing	10
Architectural Metal Roofing Systems and Sheet Metal Flashing	7
Moisture and Energy Control	6
Repairs and Reroofing	6
Safety	5

REFERENCE LIST

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.

This examination is OPEN BOOK.

The following reference material <u>is</u> allowed in the examination center:

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, 888-512-1800, https://www.osha.gov/pls/oshaweb/owastand.display_stan dard_group?p_toc_level=1&p_part_number=1926 OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (855) 746-8173

NRCA Roofing Manual: Steep Slope Roof Systems, 2021, The National Roofing Contractors Association, (847) 299-9070, www.nrca.net

NRCA Roofing Manual: Membrane Roofing Systems, 2019 or 2023, The National Roofing Contractors Association, (847) 299-9070, <u>http://www.nrca.net/</u> Starting 11/1/2023 the 2019 version will no longer be used

NRCA Roofing Manual: Metal Panel and SPF Roof Systems, 2016, The National Roofing Contractors Association, (847) 299-9070, <u>http://www.nrca.net/</u>

NRCA Roofing Manual: Architectural Metal Flashing, Condensation and Air Leakage Control, and Reroofing, 2018, The National Roofing Contractors Association, (847) 299-9070, <u>http://www.nrca.net/</u>

Roofing Construction & Estimating, Daniel Atcheson, 1995, Craftsman Book Company, (800) 829-8123, <u>http://craftsman-book.com/</u>

State of Rhode Island Building Code SBC-1; 2019, first printing July 2013 by International Code Council, Inc and National Association of State Contractors Licensing Agencies (NASCLA); NASCLA 23309 North 17th Drive, Building 1, unit 110 Phoenix, AZ 85027, (623) 587-9354; https://store.nascla.org/catalog/nascla-store/bookstore

State of Rhode Island Plumbing Code, 2019, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478, <u>https://store.nascla.org/catalog/nascla-</u> <u>store/bookstore</u>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. <u>Temporary tabs</u>, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.

PUMP INSTALLER LICENSE EXAMINATION

"Pump installer" means a person licensed by the contractors' registration and licensing board who is employed in the placement and preparation for operation of pumps and pumping equipment and materials utilized in withdrawing or obtaining water for water-supply distribution lines, including all construction involved in making entrance to the well and establishing such seals and safeguards as may be necessary to protect such water from contamination and all construction involved in connecting such wells and pumping units or pressure tanks in the water-supply systems of structures served by such well, including repair and servicing to any existing installation.

# of Questions	% Required to Pass	Time Allowed
40	70% (28 correct)	100 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Pump Installation and Repair	15
Electrical	10
Water and Water Chemistry	5
Piping and Tanks	5
Safety	3
Hydrology/Well Hydraulics	2

REFERENCE LIST

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.

This examination is OPEN BOOK.

The following reference material <u>is</u> allowed in the examination center:

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, 888-512-1800, <u>https://www.osha.gov/pls/oshaweb/owastand.display_stan</u> <u>dard_group?p_toc_level=1&p_part_number=1926</u> OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (855) 746-8173 Groundwater and Wells, Fletcher G. Driscoll, 3rd Edition, (800) 833-9473,

http://www.johnsonscreens.com/content/groundwaterwells-third-edition

Groundwater Hydrology, David Keith Todd and Larry W. Mays, 2005, 3rd Edition, John Wiley and Sons, Inc., (201) 748-6000, <u>http://www.wiley.com/WileyCDA/WileyTitle/productCd-</u> EHEP000351.html

Manual of Water Well Construction Practices, 3rd Edition 2017 National Ground Water Association, 601 Dempsey Road, Westerville, OH 43081, (800) 551-7379, http://www.ngwa.com/

NFPA 70 - National Electrical Code, 2017, National Fire Protection Association (NFPA), (800) 344-3555, www.nfpa.org

State of Rhode Island Plumbing Code, 2019, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478, <u>https://store.nascla.org/catalog/nascla-</u> <u>store/bookstore</u>

Water Systems Handbook, 12th Edition, WSC National Programs Office, 1101 30th Street, NW, Suite 500, Washington, DC 20007, http://store.watersystemscouncil.org/mm5/WSHB01.html

Water Wells - AWWA Standard A100-06, 2006, American Water Works Association, <u>http://www.awwa.org/</u>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. <u>Temporary tabs</u>, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.

WELL DRILLER LICENSE EXAMINATION

"Well drilling" means all acts necessary for the construction, installation, or alteration of a water-supply well or to obtain water from a well or wells by drilling, or by excavation that is drilled, cored, bored, washed, driven, dug, jetted, or otherwise constructed.

# of Questions	% Required to Pass	Time Allowed
50	70% (35 correct)	120 Minutes

CONTENT OUTLINE

Subject Area	# of Items
General Knowledge	6



Casing and Screens	5
Grouting and Sealing	5
Safety	6
Testing	3
Contamination and Prevention	5
Wells and Pumps	10
Drilling Methods	10

REFERENCE LIST

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.

This examination is OPEN BOOK.

The following reference material <u>is</u> allowed in the examination center:

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, 888-512-1800, <u>https://www.osha.gov/pls/oshaweb/owastand.display_stan</u> <u>dard_group?p_toc_level=1&p_part_number=1926</u> OR

Code of Federal Regulations - 29 CFR Part 1926 Selections by PSI, with latest available amendments, 3210 E Tropicana, Las Vegas, NV 89121, (855) 746-8173

Groundwater and Wells, Fletcher G. Driscoll, 3rd Edition, (800) 833-9473,

http://www.johnsonscreens.com/content/groundwaterwells-third-edition

Groundwater Hydrology, David Keith Todd and Larry W. Mays, 2005, 3rd Edition, John Wiley and Sons, Inc., (201) 748-6000,

http://www.wiley.com/WileyCDA/WileyTitle/productCd-EHEP000351.html

Manual of Water Well Construction Practices, 3rd Edition 2017 National Ground Water Association, 601 Dempsey Road, Westerville, OH 43081, (800) 551-7379, http://www.ngwa.com/

Rules and Regulations Governing the Enforcement of Chapter 46-13:2 Relating to the Drilling of Drinking Water Wells, 1989, Department of Environmental Management, <u>http://www.dem.ri.gov/programs/benviron/water/permits</u> /privwell/pdfs/welldril.pdf

State of Rhode Island Plumbing Code, 2019, International Code Council, 4051 West Flossmoor Road, Country Club Hills, IL 60478, <u>https://store.nascla.org/catalog/nascla-</u> store/bookstore

Water Systems Handbook, 12th Edition, WSC National Programs Office, 1101 30th Street, NW, Suite 500, Washington, DC 20007, http://store.watersystemscouncil.org/mm5/WSHB01.html

Water Wells - AWWA Standard A100-06, 2006, American Water Works Association, <u>http://www.awwa.org/</u>



Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. <u>Temporary tabs</u>, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.

RESIDENTIAL WATER-FILTRATION / TREATMENT-SYSTEM CONTRACTOR

Scope of Work: "Residential water-filtration/treatmentsystem contractor" means a person licensed by the contractors' registration and licensing board to engage in the business of the placement and preparation for operation and service of residential water-filtration and watertreatment systems, equipment, devices, materials, and safeguards as may be necessary to protect such water from contamination and all construction involved in connecting such filtration/treatment systems to water-supply systems, including repair to any existing installation. Licensed, residential water-filtration contractors are permitted to work on piping up to one and one-half inches (1.5") in diameter with a flow rate not to exceed eighty (80) gallons per minute.

# of Questions	% Required to Pass	Time Allowed
35	70% (25 correct)	90 Minutes

CONTENT OUTLINE

Subject Area	# of Items
RI Rules and Regulations	5
Electrical - Low Voltage Installation	4
Piping, Fittings, and Valves	6
Waste Water	3
Water Conditioning	14
OSHA Safety	3

REFERENCE LIST

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.

This examination is OPEN BOOK.

CHAPTER 5-65.2 Rhode Island Well-Drilling, Pump Installers, and Water-Filtration Contractors Licensing Law http://webserver.rilin.state.ri.us/Statutes/TITLE5/5-65.2/INDEX.HTM

Code of Federal Regulations - 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800 http://www.access.gpo.gov/nara/cfr/cfr-tablesearch.html#page1

International Residential Code for One- and Two-Family Dwellings, 2015, International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041, (800) 786-4452, https://www.nascla.org/store/ListProducts.aspx?catid=568 785

NFPA 70 - The National Electrical Code (NEC) 2017.

Rules and Regulations for Well-Drillers, Pump Installers, and Water Filtration Contractors 440-RICR-10-00-6 https://rules.sos.ri.gov/organizations/title/440

The Drinking Water Book - How to Eliminate Harmful Toxins From Your Water, 2nd edition, Colin Ingram; https://www.amazon.com/Drinking-Water-Book-Eliminate-Harmful/dp/1587612577

Water Quality Association Water Treatment Fundamentals, Seventh Edition Study Guide. <u>https://www.amazon.com/</u>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. Temporary tabs, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.

RESIDENTIAL WATER-FILTRATION / TREATMENT-SYSTEM INSTALLER

Scope of Work: "Residential water-filtration/treatmentsystem installer" means a person licensed by the contractors' registration and licensing board who is employed by a residential water-filtration/treatmentsystem contractor, as defined in this chapter, in the placement and preparation for operation of residential water-filtration and water-treatment systems, equipment, devices, materials, and safeguards as may be necessary to protect such water from contamination and all construction involved in connecting such filtration/treatment systems to water-supply systems, including repair or service to any installation. Licensed residential existing waterfiltration/treatment-system installers are permitted to work on piping up to one and one-half inches (1.5") in diameter with a flow rate not to exceed eighty (80) gallons per minute.

# of Questions	% Required to Pass	Time Allowed
30	70% (21 correct)	75 Minutes

CONTENT OUTLINE

Subject Area	# of Items
Electrical - Low Voltage Installation	4
Piping, Fittings, and Valves	7
Waste Water	3
Water Conditioning	13
OSHA Safety	3

REFERENCE LIST

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.

This examination is OPEN BOOK.

CHAPTER 5-65.2 Rhode Island Well-Drilling, Pump Installers, and Water-Filtration Contractors Licensing Law http://webserver.rilin.state.ri.us/Statutes/TITLE5/5-65.2/INDEX.HTM

NFPA 70 - The National Electrical Code (NEC) 2017.

Rules and Regulations for Well-Drillers, Pump Installers, and Water Filtration Contractors 440-RICR-10-00-6 https://rules.sos.ri.gov/organizations/title/440

Rhode Island Residential Code for One- and Two-Family Dwellings, 2019, National Association of State Contractors Licensing Agencies, 23309 North 17th Drive, Building 1, Suite 110, Phoenix, Arizona 85027, (623)-587-9354

<u>https://www.nascla.org/store/ListProducts.aspx?catid=56</u> 8785

The Drinking Water Book - How to Eliminate Harmful Toxins From Your Water, 2nd edition, Colin Ingram; <u>https://www.amazon.com/Drinking-Water-Book-Eliminate-</u> Harmful/dp/1587612577

Water Quality Association Water Treatment Fundamentals, Seventh Edition Study Guide. <u>https://www.amazon.com/</u>

Candidates are responsible for bringing their own references to the examination center. Reference materials may be highlighted, underlined, and/or indexed prior to the examination session. However, references may not be written in. Any candidate caught writing in the references during the examination will have the references confiscated and will be reported to the Board. Furthermore, candidates are not permitted to bring in any additional papers (loose or attached) with their approved references. Any additional materials will be removed from the references and confiscated. References may be tabbed/indexed with permanent tabs only. <u>Temporary tabs</u>, such as Post-It notes, are not allowed and must be removed from the reference before the exam will begin.



PSI Services LLC 3210 E Tropicana Las Vegas, NV 89121