



INTERNATIONAL
CODE
COUNCIL®

Philadelphia, Pennsylvania Contractor/Trades Examination Information Bulletin

PUBLISHED March 15, 2026

This edition supersedes all previous bulletin editions

*This bulletin answers most questions raised by examination candidates. Please read it carefully.
You will find it a useful reference throughout your registration and examination process.*

International Code Council Vision

Creating safe, affordable, and sustainable buildings and communities.

International Code Council Mission

Provide the codes, tools, and resources that members rely on,
building safety professionals turn to, and manufacturers and the public trust.

Information contained in this bulletin is deemed accurate as of the time of posting.

Contents are subject to change at any time.

For the most updated information, visit the [Exam Catalog](#).

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<https://www.iccsafe.org/credentialing/contractor-trades/>

SUMMARY OF BULLETIN CHANGES

Date of Change	Section Affected	Revision
August 19, 2025	Reformatted Entire Bulletin	Reformatted Entire Bulletin
March 6, 2026	Philadelphia Contractor/Trades Examination Information	Notification of upcoming reference updates for the following exams effective March 15, 2026: 200, 211, 311, 467, and 468
March 15, 2026	Philadelphia Contractor/Trades Examination Information	Reference updates effective as of March 15, 2026 for the following exams: 200, 211, 311, 467, and 468

Besure to completely read this bulletin before scheduling your examination. You are responsible for following all policies and regulations found in this document. Not reading this bulletin does not release your responsibility for following these procedures.

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About Code Council Contractor/Trades Testing

The International Code Council's Contractor/Trades examination program is an independent testing program designed to provide licensing agencies with information regarding qualified contractors and trades professionals. Participating in the Code Council examination program does not guarantee that a licensing agency will award you a license. However, the Code Council examination program serves as an independent appraisal of your competency in the construction field, and your test results may be used by licensing agencies to satisfy the requirements for testing.

The International Code Council is not a licensing agency. If you want to become licensed in a city, county, or state that participates with the Code Council, that jurisdiction will require you to take and pass a Code Council examination. Upon successful completion of the examination, contact the jurisdiction for any other requirements in order to become licensed.

Testing Information and Frequently Asked Questions

The purpose of this bulletin is to provide you with information regarding how to schedule and take your contractor/trades examination. Examination requirements, including registration/scheduling, dates, locations, fees, and references are subject to change. Please make sure that you have the most current information before registering for/scheduling any examination.

All candidates are required to adhere to all ICC Council Policies and ICC Credentialing rules and policies provided in the [Administrative Rules and Procedures](#).

What examination do I need to take?

As requirements for employment differ from jurisdiction to jurisdiction, the Code Council cannot recommend specific examinations to you. We strongly encourage you to contact the jurisdiction in which you wish to work for more information on their specific exam requirements for licensure.

How often can I test?

You must wait **10** days before retaking a failed exam. It is strongly recommended that you allow time to study the approved references before registering to test a second time.

What type of question format will be included in the examination?

Test questions are in four-option, multiple-choice format, with one answer on each question scored as correct. Due to the rigorous psychometric processes used by the Code Council in exam development, questions do not follow patterns (e.g., "the most common answer is 'B'").

Can't I just look up all of the answers in the books?

Because of the time constraints, you will not have time to look up all of the answers. For those answers you must look up, you must be VERY familiar with the references to avoid wasting time searching for information. First impressions are often the most accurate, but you may change your answers if time allows.

Should I guess if I don't know the answer to a question?

There is no guessing penalty, so it is to your advantage to answer every question. Remember to base your answers on the listed references for each exam, not solely on long-time field practices.

When will I receive my results?

Results for examinations taken electronically are available immediately after completion of the examination.

How do I find out examination specific information?

Visit the [Exam Catalog](#) for the following information for each exam:

- Content outline,
- Approved references,
- Open/Closed book,
- Length of exam
 - Number of items
 - Time Limit
- Passing score, and
- Link to register for the PearsonVUE exam.

How do I schedule/register for an exam?

Code Council contractor examinations are administered through PearsonVUE. Access www.pearsonvue.com/ICC for more information on the ICC examination program at PearsonVUE to include, but not limited to the ability to:

- Create an account,
- View and/or schedule an exam,
- Locate a test center,
- Purchase test vouchers, and
- Request testing accommodations.

How do I make comments about an exam I took?

To have Code Council Credentialing staff review comments or challenges on specific exams, exam items, or any issues encountered during your examination, you must submit a [Technical Challenge](#) to the Code Council.

Our experience shows that the best comments are those that come as soon after the testing process as possible. Include sufficient amount of detail to aid staff in the review of your challenged question(s) or issues related to the exam experience. Following receipt of your challenge, Credentialing staff will investigate each comment for merit and final determination of approval or denial of your challenge.

You will be mailed a response from Code Council staff within 15 business days from receipt of the form by the Code Council; a request for staff review is based solely upon the most recent examination taken.

IMPORTANT NOTE: If you retake a failed exam on which you have submitted a challenge, you will forfeit your challenge opportunity for that exam attempt.

How do I request a duplicate pass letter?

If you took an ICC Contractor/Trades examination at a Pearson VUE Test Center on or after January 1, 2014, please contact Pearson VUE via phone (1-877-234-6082) or chat to request a duplicate letter at no charge.

All other candidates, please visit the ICC Credentialing Candidate Requests/Forms [page](#) and request a [Replacement Result Letter](#).

How do I change my name and address?

NOTE: Your ICC email address is the Pearson VUE email address used to register for an ICC Contractor/Trades examination. To update your candidate demographic information (Address, Phone Number, Email, and Legal Name), log in to your myICC account. Click [here](#) for additional information.

Philadelphia Contractor/Trades Examination Information

Please visit <https://www.iccsafe.org/credentialing/contractor-trades/> or the most up-to-date information.
Outlines are subject to change.

211 Pennsylvania (Philadelphia) Standard Master Electrician			Pricing
100 multiple-choice questions			Pearson VUE: \$115
Open book – 5-hour time limit			
Content Area	%	Reference	
General Knowledge and Plan Reading	12%	2020 <i>National Electrical Code</i>	
Services and Service Equipment	16%	<i>Ugly's Electrical Reference (any edition)</i>	
Feeders	4%		
Branch Circuits and Conductors	16%		
Wiring Methods and Materials	19%		
Equipment and Devices	10%		
Control Devices	3%		
Motors and Generators	8%		
Special Occupancies, Equipment, and Conditions	12%		

200 Pennsylvania (Philadelphia) Fire Suppression Installer/Worker			Pricing
60 multiple-choice questions			PearsonVUE: \$115
Open book – 2-hour time limit			
Content Area	%	Reference	
Inspection (Alarms and Subsection)	15%	2021 <i>International Fire Code</i> ®	
Emergency Impairment	5%	2021 <i>International Building Code</i> ®	
Piping Systems (Installations)	25%	2019 NFPA 13, 13D, 13R, 14, and 20	
Water Supply	10%	2020 NFPA 25	
Fire Pumps	10%		
Special Systems	15%		
Accepting Systems	20%		

249 Pennsylvania (Philadelphia) Master Plumber

Pricing

100 multiple-choice questions

PearsonVUE: \$115

CLOSED book – 4-hour time limit

Content Area	%	Reference
Plumbing Fixtures and Terminology	6%	<i>Philadelphia Plumbing Code 2018</i>
Plumbing Fundamentals and Administrative	8%	
Traps, Interceptors, and Cleanouts	10%	
Special Requirements	6%	
Drainage Requirements	15%	
Venting Requirements	15%	
Water Distribution	10%	
Plan Reading and Analysis	30%	

250 Pennsylvania (Philadelphia) Journeyman Plumber

Pricing

75 multiple-choice questions

PearsonVUE: \$115

CLOSED book – 3-hour time limit

Content Area	%	Reference
Plumbing Fixtures and Terminology	12%	<i>Philadelphia Plumbing Code 2018</i>
Plumbing Fundamentals and Administrative	13%	
Traps, Interceptors, and Cleanouts	5%	
Special Requirements	4%	
Drainage Requirements	15%	
Venting Requirements	15%	
Water Distribution	11%	
Plan Reading and Analysis	25%	

314 Pennsylvania (Philadelphia) Engineer Grade A
Steam Boiler, Stationary, and Refrigeration Engineer
 80 multiple-choice questions
 Open book – 3-hour time limit

Pricing
 PearsonVUE: \$115

Content Area	%	Reference
Turbines, Design Auxiliaries, and Operations	15%	Boiler Operator's Workbook, ATP
Boiler Operations, Maintenance, and Safety	9%	Stationary Engineers, ATP
Waste to Energy Plants and Environmental/Pollution Control	4%	High Pressure Boilers, Harold J. Frost & Daryl R. Walker
Water Treatment	9%	Steam Plant Operation, McGraw Hill
Boiler Combustion and Fuels	8%	Boiler Operator's Guide, McGraw Hill
Boiler Accessories and Auxiliary Equipment	8%	Refrigeration and Air Conditioning Technology
Engineering Calculations	7%	Low Pressure Boilers, ATP
Electrical	7%	2008 Ugly's Electrical Reference
Controls – Pneumatic and Electronic	7%	Electric Motor Control for Integrated Systems, ATP
Pumps, Feed, Hydronic, and Condensate Systems	7%	HVAC Control Systems, ATP
Refrigeration, Air Conditioning, and Cooling Towers	7%	
Boiler Design and Principles	8%	Note: with the exception of Ugly's Electrical Reference, any edition of the above books is acceptable

311 Pennsylvania (Philadelphia) Engineer Grade B
Refrigeration Engineer
 60 multiple-choice questions
 Open book – 3-hour time limit

Pricing
 PearsonVUE: \$115

Content Area	%	Reference
Theory, Terminology, and General Requirements	15%	2021 <i>International Mechanical Code</i>
Compressors and Types of Systems	10%	2021 <i>International Fuel Gas Code</i>
Evaporators, Condensers, and Cooling Towers	10%	2020 <i>National Electrical Code</i>
Piping Inspections and Field Testing	10%	2000 <i>Modern Refrigeration and Air Conditioning</i>
Air Duct and Insulation	10%	
Electrical and Controls	20%	
Refrigerants	10%	
Operation Procedures	5%	
Maintenance Repairs	10%	

328 Pennsylvania (Philadelphia) Engineer Grade D
Fireman

Pricing

50 multiple-choice questions

PearsonVUE: \$115

Open book – 2-1/2-hour time limit

Content Area	%	Reference
Boiler Operations	20%	<i>Low Pressure Boilers</i> , 3 rd Edition, ATP
Boiler Fittings	10%	
Feedwater Systems	20%	
Steam System	20%	
Draft System	4%	
Boiler Water Treatment	6%	
Boiler Operation Safety	20%	

335 Pennsylvania (Philadelphia) Engineer Grade C

Pricing

70 multiple-choice questions

PearsonVUE: \$115

Open book – 2-1/2-hour time limit

Content Area	%	Reference
Boiler Operation and Safety	10%	<i>High Pressure Boilers</i> , Harold J. Frost & Daryl R. Walker
Fuel and Draft System	10%	<i>Low Pressure Boilers</i> , ATP
Steam Systems	10%	Note: Any edition of the above books is acceptable
Boiler Water Treatment	10%	
Engineering Calculations	10%	
Boiler Fittings/Accessories	10%	
Hydronic Systems	10%	
Feedwater Systems	10%	
Controls	10%	
Boiler Design and Principles	10%	

Demolition Class A: To demolish any building, structure, utility, or portion thereof. All work shall be performed under the supervision of the holder of a Class A Demolition Contractor License.

Demolition Class B: To demolish any building that is NOT designated as a Major Building as defined in A-1001.1 of Subcode “A” (The Philadelphia Administrative Code) of Title 4 (The Philadelphia Building and Occupancy Code) and is either more than 3 stories in height; or more than 40 feet (12, 192 mm) in height, or; covers 10,000 square feet (929 square meters) or more of lot space, regardless of height. All work shall be performed under the supervision of the holder of a Class A or B Demolition Contractor License.

467 Pennsylvania (Philadelphia) Demolition Class A **Pricing**
 50 multiple-choice questions **PearsonVUE: \$115**
 Open book – 2-1/2-hour time limit

Content Area	%	Reference
Job Assessment	20%	2021 <i>International Building Code</i>
Site Preparation	30%	OSHA 29 CFR 1904
Demolition	20%	OSHA 29 CFR 1926
Safety	30%	OSHA 29 CFR 1910
		Philadelphia Demolition Examination Study Guide

468 Pennsylvania (Philadelphia) Demolition Class B **Pricing**
 30 multiple-choice questions **PearsonVUE: \$115**
 Open book – 1-1/2-hour time limit

Content Area	%	Reference
Job Assessment	20%	2021 <i>International Building Code</i>
Site Preparation	30%	OSHA 29 CFR 1904
Demolition	20%	OSHA 29 CFR 1926
Safety	30%	OSHA 29 CFR 1910
		Philadelphia Demolition Examination Study Guide