



INTERNATIONAL
CODE
COUNCIL®

Kansas City, Missouri Examination Information Bulletin

PUBLISHED November 10, 2025

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](#).

1-888-ICC-SAFE (422-7233), ext. 0
customersuccess@iccsafe.org
[www.iccsafe.org/credentialing/
contractor-trades/](http://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
November 10, 2025	Kansas City, Missouri Contractor/Trades Examinations	Added two additional exams to the exam suite

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.

Kansas City, Missouri Contractor/Trades Examinations

Please visit www.iccsafe.org/credentialing/contractor-trades/ for the most up-to-date information.

Outlines are subject to change.

G13 National Standard Residential Building Contractor (C)		Pricing
80 multiple-choice questions		Pearson VUE: \$115
Open book – 4-hour time limit		
Content Area	%	Reference
Permits and General Regulations Regulations and Job Planning Code Definitions and Terms	18%	2018 International Residential Code® ICC Concrete Manual (2015)
Building Planning and Life Safety Use & Occupancy & Types of Construction Fire & Smoke Alarms & Fire Protect Sys Occupancy Needs & Interior Environment Exiting & Means of Egress Accessibility	24%	
Structural Systems Footings and Foundations Concrete Floors Wall Framing and Stairs	46%	
Building Envelopes Interior Finishes Glass and Glazing Exterior Finishes and Roof Coverings	12%	

G21 National Standard Low-Voltage Electrician		Pricing
50 multiple-choice questions		PearsonVUE: \$115
Open book – 3-hour time limit		
Content Area	%	Reference
General Knowledge	24%	2017 National Electrical Code
LV Remote Control & Alarm Systems	22%	Ugly’s Electrical References (any edition)
LV Communications & Sound	36%	
LV Control Circuits	14%	
Fiber Optical	4%	

G16 National Standard Master Electrician

100 multiple-choice questions

Open book – 5-hour time limit

Pricing

PearsonVUE: \$115

Content Area	%	Reference
General Knowledge		
Electrical Theory and General Electrical Load Calculations	12%	2017 National Electrical Code Ugly's Electrical References (any edition)
Code Definitions and Terms		
Plan Reading		
Services and Service Equipment		
Services and Fault Current, Service Load Calculations	16%	
Service Equipment & Service Load Calculations		
Service Equipment & Service Conductors		
Transformers		
System Grounding and Bonding		
Temporary Service Wiring		
Feeders		
Load Calculations		
Equipment Grounding		
Branch Circuits and Conductors		
Branch Circuit Calculation	16%	
Overcurrent Protection		
Conductors		
Required Outlets & GFCI / AFCI Protection		
Equipment Grounding		
Wiring Methods and Materials		
Raceway Installations	19%	
Underground Wiring Methods		
Boxes and Enclosures		
Cabinets		
Panel Boards & Switchboards		
Clearance and Guarding		
Flexible Cords and		
Equipment and Devices		
Luminaires, Receptacles, Switches and Other Devices	10%	
Appliances and Other Equipment		
Other Utilization Equipment		
Heating and Cooling Equipment		
Control Devices	3%	
Switches, Disconnects, and Controllers		
Motors and Generators	8%	
Motors		
Generators		
Special Occupancies, Equipment, and Conditions		
Special Occupancies, Swimming Pools, and Similar Installations	12%	
Mobile Home and RV Parks		
Data Processing Equipment		
Miscellaneous Special Equipment		
Emergency Systems		
Signaling and Fire Alarm Systems		

227 Missouri (Kansas City) Stationary Engineer

Pricing

60 multiple-choice questions

PearsonVUE: \$115

Open book – 3-hour time limit

Content Area	%	Reference
Water Supply Treatment and Feed Systems	7%	2018 International Mechanical Code®
Fuels and Firing Methods	20%	2018 International Fuel Gas Code®
General Code Application and Venting	10%	Boiler Operator’s Guide, 4th Edition
Startup and Shutdown Operations	5%	Steam Plant Operation, 9th Edition
Piping, Pumps, and Valving	10%	
Controls and Control Systems	20%	
Maintenance and Repairs	20%	
Tests and Inspections	8%	

228 Missouri (Kansas City) Refrigeration Operator

Pricing

50 multiple-choice questions

PearsonVUE: \$115

Open book – 2-hour 30-minute time limit

Content Area	%	Reference
Theory, Terminology, and General Requirements	18%	2018 International Mechanical Code®
Compressors and Types of Systems	10%	2017 National Electrical Code
Evaporators, Condensers, and Cooling Towers	10%	Modern Refrigeration and Air Conditioning, 19th Edition
Piping Inspection and Field Testing	8%	
Air Ducts and Insulation	6%	
Electrical and Controls	22%	
Refrigerants	12%	
Operation Procedures	6%	
Maintenance and Repairs	8%	

313 Missouri (Kansas City) First Class Stationary Boilers

Pricing

100 multiple-choice questions

PearsonVUE: \$115

Open book – 4-hour time limit

Content Area	%	Reference
Water Supply Treatment and Feed Systems	8%	2018 International Mechanical Code®
Fuels and Firing Methods	16%	Boiler Operator’s Guide, 4th Edition
General Code Application	11%	
Startup and Shutdown Operations	4%	
Piping, Pumps, and Valving	11%	
Controls and Control Systems	13%	
Maintenance and Repairs	15%	
Tests and Inspections	9%	
Refrigeration	9%	
Turbines	4%	

675 Missouri (Kansas City) Journeyman Plumber with Gas

70 multiple-choice questions

Open book – 3-hour time limit

Pricing

PearsonVUE: \$115

Content Area	%	Reference
Administration and General Regulations	14%	2018 International Fuel Gas Code
Plumbing Fixtures	11%	2018 Uniform Plumbing Code
Water Supply and Distribution	11%	
Sanitary Drainage	13%	
Plumbing Vent Requirements	13%	
Traps, Interceptors, and Separators	8%	
Storm Drainage	1%	
Gas Piping	29%	

G27 Master Plumber with Gas

100 multiple-choice questions

Open book – 4-hour time limit

Pricing

PearsonVUE: \$115

Content Area	%	Reference
Administration and General Regulations		
General Installation Requirements		
Code Definitions and Terms		
Plan Reading	36%	2018 International Fuel Gas Code 2018 International Plumbing Code
Testing		
Materials		
Plumbing Fixtures		
Water Heaters		
Water Closets and Urinals	13%	
Specialty Fixtures		
Bathtubs, Showers, Sinks, and Lavatories		
Water Supply and Distribution		
Service Distribution and Piping		
Water Supply and Pressure	9%	
Protection of Potable Water Supply		
Sanitary Drainage		
Building Sanitary Drainage		
Sumps and Ejectors	8%	
Indirect and Special Waste Systems		
Plumbing Vent Requirements		
Vent Connections and Grades	6%	
Vent Terminals		
Traps, Interceptors, and Separators		
Installation of Traps	5%	
Interceptors and Separators		
Storm Drainage		
Storm Drainage	2%	
Gas Piping		
Gas Piping for Service & Distribution Piping		
Gas Piping Requirements, Specific Appliances Equipment	21%	
Source of Combustion Air & Duct Openings		
Fuel-burning Appliance, Vent, Connector		

G29 Master Mechanical
 100 multiple-choice questions
 Open book – 4-hour time limit

Pricing
 PearsonVUE: \$115

Content Area	%	Reference
Administration General Regulations General Installation Requirements Code Definitions and Terms Plan Reading Testing	30%	2018 International Mechanical Code 2018 International Fuel Gas Code
Appliances & Mechanical Equipment Heating Equipment & Gen App Installation Water Heaters and Boilers Cooling and Refrigeration Systems Hydronic and Other Systems	27%	
Exhaust and Ventilation Systems Exhaust Fan & Product Conveying Systems Commercial Hoods & Kitchen Ventilation	11%	
Duct Systems Duct Construction, Installation & Plenums Smoke and Fire Dampers	12%	
Combustion Air Venting of Fuel Burning Appliances	6%	
Chimneys and Vents Venting of Fuel Burning Appliances Chimney and Vent Connectors Fuel Supply Systems Fuel Supply Installation, Testing and Sizing	8% 6%	

G33 National Standard Master Gas Pipe Fitter
 75 multiple-choice questions
 Open book – 3-hour time limit

Pricing
 PearsonVUE: \$115

Content Area	%	Reference
General Requirements General Installation Requirements Code Definitions and Terms Testing Materials	49%	2018 International Fuel Gas Code
Water Heaters Installation of Water Heaters	5%	
Appliances and Equipment Requirements for Specific Appliances & Equipment	15%	
Fuel Supply System Sizing Service and Distribution Pipe Sizing	6%	
Combustion Air Combustion Air Source, Size of Ducts/Openings Chimneys and Vents Venting, Vent Connector, and Chimneys	13% 12%	