

PSI Services LLC https://test-takers.psiexams.com/mdplu (855) 746-8173

# MARYLAND DEPARTMENT OF LABOR STATE BOARD OF PLUMBING

Effective 3/31/2025 PSI will no longer be processing applications via mail, fax or email. You must submit the application online at <u>https://test-takers.psiexams.com/mdplu</u>. If you submit via mail, fax or email, it will be returned, and you must resubmit via online at <u>https://test-takers.psiexams.com/mdplu</u>.

# MASTER PLUMBER/GAS FITTER - JOURNEY PLUMBER/GAS FITTER MASTER NATURAL GAS FITTER - JOURNEY NATURAL GAS FITTER QUALIFICATION INFORMATION BULLETIN

**\*\*Prior PSI Approval Required for Examination\*\*** 

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# INTRODUCTION

#### MARYLAND STATE BOARD OF PLUMBING

The Maryland State Board of Plumbing ("Board"), by authority of the Business Occupations and Professions Article, § 12-207, *Annotated Code of Maryland*, is responsible for promulgating and enforcing regulations which define qualifications for examination, certifying and licensing Master and Journey Plumbers, investigating alleged infractions, and disciplining violators.

Before being granted a license by the Board, an individual is required to pass a written examination. The examination which you will take was developed to meet the evaluation requirement set out in Title 09, Subtitle 20, Chapter 26 of the Maryland State Plumbing Code. After passing the examination, you may apply to the Board of Plumbing for a license.

#### PSI SERVICES LLC

The Maryland State Board of Plumbing has contracted with PSI Services LLC (PSI) to conduct its examination program. PSI is a nationally recognized test development and test administration services company headquartered in Burbank, California. For information concerning examinations, please call PSI at (855) 746-8173.

### THE PLUMBER/GAS FITTER AND NATURAL GAS FITTER EXAMINATIONS

Following are the licensing examinations offered by PSI Examination Services:

- Master Plumber/Gas Fitter
- Journey Plumber/Gas Fitter
- Master Natural Gas Fitter
- Journey Natural Gas Fitter.

All examination items have undergone a rigorous review by a content panel, psychometricians, and editors. Examination content is based on the outlines approved by the State Board of Plumbing.

#### **USING THIS BULLETIN**

The policies and procedures for communicating with and submitting your application to PSI during the examination process and, after the exam, with the Board during the licensing process are presented in this bulletin. You will find study information about the examinations and instructions about what to do after you have passed the exam in order to become licensed as a Master or Journey Plumber/Gas Fitter or Natural Gas Fitter by the State of Maryland.

#### **EXAMINATION REGISTRATION**

To be eligible to **register for the examination**, the applicant shall have satisfactorily completed the required work experience. Effective 9/1/24 you will apply online versus using the paper application. <u>Click Here</u> and select VIEW AVAILABLE TESTS and select which Test you will be applying

for. Select SIGN IN/REGISTER and select <u>Create Account</u>. You will be required to upload the required documentation.

#### **REVIEW AT PSI**

Once PSI receives the proper documentation, allow up to one week for processing. Upon approval, you will receive an email confirmation with instructions on how to pay and schedule for the examination.

### Questions and Inquiries

#### For PSI

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

PSI https://test-takers.psiexams.com/mdplu (855) 746-8173 TDD (800) 735-2929

#### For the State Board of Plumbing

Reciprocity, reinstatement, and conviction and disciplinary action history require review/approval by the State Board of Plumbing. Questions about these and all questions concerning applications for licensure or certification after you have passed the examination should be directed to:

> Maryland State Board of Plumbing 500 N. Calvert St., Room 302 Baltimore, MD 21202-3651 (410) 230-6231 • FAX (410) 244-0977 TTY: MD Relay Service (800) 735-2258

#### BACKGROUND

Applicants who intend to work in Baltimore County, Prince George's County, or Montgomery County may be required to submit to an additional examination by the local jurisdiction. You may wish to contact the Baltimore County Plumbing Board or the Washington Suburban Sanitary Commission ("WSSC") before completion of this application.

- Baltimore County (410) 887-3620
- WSSC (301) 206-8587

# REQUIREMENTS FOR THE MASTER PLUMBER/ GAS FITTER EXAMINATION

#### REQUIREMENTS FOR MARYLAND RESIDENTS OR FOR NONRESIDENTS WHOSE WORK EXPERIENCE HAS BEEN IN MARYLAND

 Must have certification of approved work experience under the direction of a licensed Maryland Master Plumber for at least a two-year period, including 3,750 working hours of practical experience as a licensed Maryland Journey Plumber.

- 2. Certification of experience must be furnished by the applicant with the application for examination (See form on the back of bulletin).
- 3. All applicants for examination are required to submit a non-expired, approved 32-hour course in Backflow Prevention Device Testing.

**NOTE:** Applicants licensed as a Journey Plumber with Baltimore County or the Washington Suburban Sanitary Commission must obtain a current original letter of verification showing the date of the examination, date of issuance of the Journey license, and confirmation that the license is in good standing. <u>This original letter of verification</u> <u>must be submitted with the application for examination.</u> **Copies of licenses or certificates will not be accepted in place of a letter of verification**.

# REQUIREMENTS FOR MARYLAND RESIDENTS OR FOR NONRESIDENTS WHOSE WORK EXPERIENCE HAS NOT BEEN IN MARYLAND

- 1. Must submit certification of approved work experience for at least a two-year period, including at least 3,750 hours of work in the plumbing trade, after being licensed as a Journey Plumber.
- 2. Must submit an original certification of approved work experience of at least 4 years, including at least 7,500 hours under the direction and control of a licensed Master Plumber before being licensed as a Journey Plumber.
- 3. Must submit an original current letter verifying receipt of Journey Plumber license by having passed a written competency examination, the date the examination was passed, and the date the first license was issued.
- 4. Must submit an original letter of verification that all of the required work experience, totaling 11,250 hours, was worked under the direction and control of a licensed Master Plumber whose license was obtained by passing a written competency examination. The original letter of current board verification must include information that the Master Plumber was first licensed as a result of having passed a written examination, the date of examination, and the date of issuance of the first license. Copies of licenses will not be accepted in place of a letter of verification.
- 5. All applicants for examination are required to submit a non-expired, approved 32-hour course in Backflow Prevention Device Testing.

#### REQUIREMENTS FOR APPLICANTS FROM AREAS THAT DO NOT REQUIRE JOURNEY PLUMBERS TO BE LICENSED WHEN THE APPLICANT HAS A MASTER LICENSE FOR THE AREA

 Must submit certification of approved work experience of 7,500 hours under the direction and control of a licensed Master Plumber whose license was obtained by passing a written competency examination. Both the work experience certification and the letter about the Master Plumber's qualification must be furnished by the applicant with the application for examination.

- 2. Must provide a signed original letter of verification from the state that issued the Master plumber's license. It must reflect that Master Plumber received the license by passing a written examination, and that the Master Plumber has held the license in good standing for at least two years.
- 3. Must submit certification of having worked as a licensed Master Plumber for 3,750 hours over a two-year period since receipt of Master's license.
- 4. All applicants for examination are required to submit a non-expired, approved 32-hour course in Backflow Prevention Device Testing.

# REQUIREMENTS FOR THE MASTER NATURAL GAS FITTER EXAMINATION

# APPLICATIONS MUST PROVIDE EVIDENCE OF:

- 1. A current Maryland HVACR master or master restricted heating license in good standing; and
- 2. 2 years of work experience as a licensed journeyman natural gas fitter under the direction of a:
  - a. Licensed master plumber;
  - b. License master gas fitter; or
  - c. Holder of a master or master restricted heating license in good standing issued by the State Board of HVACR Contractors, who demonstrates qualification as a natural gas fitter that is deemed acceptable by the Board; and
- 3. Applicant will be required to pass the written examination.

# REQUIREMENTS FOR THE JOURNEY PLUMBER/GAS FITTER EXAMINATION

If you are presently working as a non-licensed Apprentice plumber, you must register with the State Board of Plumbers as an Apprentice before submitting the application for examination as a Journey Plumber. Only work experience as a licensed Apprentice will count towards meeting the work experience requirement listed below.

# REQUIREMENTS FOR MARYLAND RESIDENTS OR FOR NONRESIDNETS WHOSE WORK EXPERIENCE HAS BEEN IN MARYLAND

1. Must submit certification of approved work experience of period of four years as a licensed Apprentice Plumber, totaling at least 7,500 hours of training in plumbing services, under the direction and control of a licensed Maryland Master Plumber.

- 2. Up to 1,500 hours certified approved school study can be applied towards the 7,500-hour requirement.
- 3. All hours worked as an Apprentice Plumber must be listed. If you are presently working as a non-licensed Apprentice Plumber, you must register with the State Board of Plumbers as an Apprentice Plumber before submitting the application for examination as a Journey Plumber.
- 4. Hours certified by secretaries, bookkeepers, or other office personnel will not be accepted.
- 5. Hours accrued may not be credited to an individual serving under an apprentice agreement registered with the Maryland Apprenticeship and Training Council unless the individual is also licensed with the Board as an Apprentice Plumber.
- 6. If the Maryland Master Plumber cannot be located or is deceased, proof of employment from Social Security Administration records or copies of W-2 tax forms <u>may</u> be accepted.
- 7. If the Master Plumber who certifies your hours is not a Maryland Master Plumber, AN ORIGINAL LETTER OF VERIFICATION FROM THE STATE OR COUNTY LICENSING AUTHORITY WHERE THE MASTER PLUMBER WAS FIRST LICENSED AS A MASTER PLUMBER must be obtained stating that a written test was passed, the date of the test, and date first licensed. If you worked for more than one Master Plumber, the same information must be submitted for each Master Plumber. THE LETTER(S) OF VERIFICATION MUST BE SUBMITTED WITH YOUR APPLICATION FOR EXAMINATION.
- 8. All applicants for examination are required to submit a non-expired, approved 32-hour course in Backflow Prevention Device Testing.

# REQUIREMENTS FOR MARYLAND RESIDENTS OR NONRESIDENTS WHOSE WORK EXPEREINCE HAS NOT BEEN IN MARYLAND

- 1. Must submit certification of approved work experience of four years as a licensed Apprentice Plumber or license of equal stature, totaling at least 7,500 hours of training in plumbing, under the direction and control of a licensed Master Plumber.
- 2. Up to 1,500 hours of accredited approved school study can be applied toward the 7,500-hour requirement.
- 3. All certifications of experience must be furnished by the applicant in original form with the application for examination.
- 4. Hours certified by secretaries, bookkeepers, or other office personnel will not be accepted.
- 5. MUST SUBMIT A CURRENT LETTER OF VERIFICATION FROM THE STATE OR COUNTY LICENSING AUTHORITY WHERE THE MASTER PLUMBER WAS FIRST LICENSED AS A MASTER PLUMBER, STATING THAT A WRITTEN TEST WAS PASSED, DATE OF THE TEST, AND THE DATE FIRST LICENSED.

If you worked for more than one Master Plumber, you must submit the same information for each Master Plumber. THE LETTER(S) OF VERIFICATION MUST BE SUBMITTED WITH YOUR APPLICATION FOR EXAMINATION.

- 6. If the Maryland Master Plumber cannot be located or is deceased, you must SUBMIT PROOF OF EMPLOYMENT IN THE FORM OF W-2 TAX STATEMENTS AND THEN FOLLOW THE GUIDELINES SET ABOVE IN NUMBER 5.
- 7. All applicants for examination are required to submit a non-expired, approved 32-hour course in Backflow Prevention Device Testing.

# REQUIREMENTS FOR THE JOURNEY NATURAL GAS FITTER EXAMINATION

1. Applicant has acquired 3,750 Natural Gas Fitter working hours as an apprentice over a period of at least 2 years. CANDIDATE MUST ALSO HAVE COMPLETED AN APPROVED COURSE OF STUDY AND PASSED THE WRITTEN EXAMINATION.

# PREPARING FOR THE EXAMINATION

# TIPS FOR EXAM PREPARATION

The following suggestions will help you prepare for your examination. Planned preparation increases your likelihood of passing.

- Use the exam content outline provided in this bulletin as the basis of your study.
- Learn the major points associated with each outline topic.
- Underline or highlight key ideas for a later review.
- Read the reference materials, making sure you understand each idea before going on to another.
- Check off each topic from the outline when you feel you have an adequate understanding. Plan to take your test when all topics have been checked.
- 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 CONTENT OUTLINES AND REFERENCE MATERIALS

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 following examination content outline provides the topic areas and number of items for the Master and Journey Plumber/Gas Fitter and Natural Gas Fitter examinations as well as the specific Code reference.

# MASTER PLUMBER/GAS FITTER CONTENT OUTLINE

# of Questions	Minimum Passing Score	Time Allowed
100	70%	240 minutes

#### **CONTENT OUTLINE**

Topic Information	# of Items
PLUMBING FUNDAMENTALS AND SAFETY	5
MATERIALS, USES, AND SPECIFICATIONS	6
TRAPS, INTERCEPTORS, AND BACKWATER	4
VALVES	
PLUMBING FIXTURES, FIXTURE FITTINGS,	4
AND PLUMBING APPLIANCES	
WATER SUPPLY SYSTEMS	8
BACKFLOW PREVENTION	10
DRAIN, WASTE, AND VENT SYSTEMS	13
SPECIAL TOPICS	3
GAS APPLIANCES AND PIPING	40
PLUMBING MATHEMATICS	7

#### **REFERENCE MATERIAL**

This examination is OPEN BOOK. Candidates may bring in reference books. However, <u>no study guides</u> are allowed. Reference books may be indexed, and may contain highlighted or underlined text. All materials must be unmarked (<u>not written in</u>) and may <u>not</u> contain additional papers (loose or attached).

THIS REFERENCE WILL NOT BE PROVIDED AT THE TEST CENTER. THESE ARE THE ONLY REFERENCES ALLOWED IN THE TESTING ROOM.

- International Plumbing Code, 2018, International Code Council, 800-786-4452, shop.iccsafe.org
- International Fuel Gas Code, 2018, International Code Council, 800-786-4452, shop.iccsafe.org
- *Mathematics for Plumbers and Pipefitters*, Lee Smith, 8th Edition, 2013, www.cengage.com
- Any standard backflow text.

Selections by PSI, with latest available amendments, (866) 589-3088, <u>www.psionlinestore.com</u> (See order form at the end of the Candidate Information Bulletin.)

You may tab your reference materials using the following acceptable tabs: Avery Swift Tabs Self-Adhesive Permanent

Plastic Tabs; Redi-Tag Self-Stick Permanent Adhesive Index Tabs.

The following tabs are unacceptable: Post-It Index Flags; Post-It Flags.

NO MATTER WHAT IS ON THE TAB PACKAGE, IF THE PSI PROCTOR IS ABLE TO REMOVE THE TABS WITHOUT RIPPING THE PAGE, YOU WILL NEED TO REMOVE THE TABS BEFORE YOU TAKE THE EXAM. DO NOT USE THE TABS THAT HAVE PAPER INSERTS. THE PAPER INSERTS WILL BE REMOVED.

#### JOURNEY PLUMBER/GAS FITTER CONTENT OUTLINE

# of Questions	Minimum Passing Score	Time Allowed
100	70%	240 minutes

### CONTENT OUTLINE

Topic Information	# of Items
PLUMBING FUNDAMENTALS AND SAFETY	8
MATERIALS, USES, AND SPECIFICATIONS	6
TRAPS, INTERCEPTORS, AND BACKWATER	4
VALVES	
PLUMBING FIXTURES, FIXTURE FITTINGS, AND	4
PLUMBING APPLIANCES	
WATER SUPPLY SYSTEMS	8
BACKFLOW PREVENTION	10
DRAIN, WASTE, AND VENT SYSTEMS	13
GAS APPLIANCES AND PIPING	40
PLUMBING MATHEMATICS	7

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- Any standard backflow text.
- Code of Federal Regulations 29 CFR Part 1926 (OSHA), with latest available amendments, U.S. Government Printing Office, (866) 512-1800 or <u>https://www.osha.gov/pls/oshaweb/owastand.display\_st</u> <u>andard\_group?p\_toc\_level=1&p\_part\_number=1926</u> OR

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#### MASTER NATURAL GAS FITTER CONTENT OUTLINE

# of Questions	Minimum Passing Score	Time Allowed
40	70%	90 minutes

#### **CONTENT OUTLINE**

Topic Information	# of Items
General Piping	15
Pipe Sizing/Math	10
Chimney and Flues	5
Combustion	5
Appliances	5

#### **REFERENCE MATERIAL**

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- International Fuel Gas Code, 2018, International Code Council, 800-786-4452, shop.iccsafe.org
- The Pipe Fitters and Pipe Welders Handbook Revised Edition, Thomas Frankland, 1984, <u>www.amazon.com</u>

Note: either MATHP04 or Pipe Fitters can be used as general reference for math items

You may tab your reference materials using the following acceptable tabs: Avery Swift Tabs Self-Adhesive Permanent Plastic Tabs; Redi-Tag Self-Stick Permanent Adhesive Index Tabs.

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#### JOURNEY NATURAL GAS FITTER CONTENT OUTLINE

# of Questions	Minimum Passing Score	Time Allowed
40	70%	90 minutes

#### CONTENT OUTLINE

Topic Information	# of Items
General Piping	15
Pipe Sizing/Math	10
Chimney and Flues	5
Combustion	5
Appliances	5

# **REFERENCE MATERIAL**

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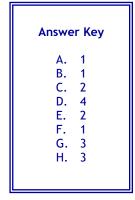
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#### SAMPLE QUESTIONS

The following questions are offered as examples of the **type** of questions you will be asked on the examination. The examples do not represent the full range of content or difficulty levels found in the actual examinations. They are intended to familiarize you with the types of questions you can expect to find in the examinations. (The answer key is found after the question H.)

- A. Every plumbing fixture that is directly connected to the drainage system MUST have
  - 1. a liquid seal trap.
  - 2. a vent terminal.
  - 3. an air gap.
  - 4. an overflow.
- B. Which of the following is an acceptable trap?
  - 1. p-trap.
  - 2. bell trap.
  - 3. drum trap.
  - 4. crown vented trap.
- C. The MINIMUM size of a sink waste outflow is
  - 1. 1 inch.
  - 2. 1 ½ inches.
  - 3. 2 inches.
  - 4. 3 ½ inches.
- D. Horizontal copper tube with a 1  $\frac{1}{2}$  -inch diameter must be supported at intervals of AT LEAST
  - 1. 5 feet.
  - 2. 6 feet.
  - 3. 8 feet.
  - 4. 10 feet.
- E. The load in fixture units for a clothes washer in a public laundromat is
  - 1. 2
  - 2. 3
  - 3. 4
  - 4. 6
- F. A building with a basement MUST have
  - 1. a sub-soil drain.
  - 2. a sump pump.
  - 3. a storm drain.
  - 4. window well drains.
- G. The one-cubic-foot hand revolves once in 84 seconds. Gas is passing through the meter at how many cubic feet per hour?
  - 1. 21
  - 2. 40
  - 3. 43
  - 4. 86
- H. The inside of a tank is 8 feet long, 4 ½ feet wide, and 6 feet deep. How many gallons of water will it hold?

- 1,436.16
  1,615.68
- 4. 1,799.28



# FEES

Payment of the registration fee is valid for one examination only. Examination registration fees are not refundable and are not transferable. **Examination registration fees are valid for one year**.

Examination	Fee
Master Plumber/ Gas Fitter	\$65
Journey Plumber/Gas Fitter	\$65
Master Natural Gas Fitter	\$65
Journey Natural Gas Fitter	\$25

#### SOCIAL SECURITY NUMBER CONFIDENTIALITY

PSI will use your Social Security number only as an identification number in maintaining your records and reporting your grades to the Department. The Department requires all candidates to accurately disclose their Social Security number.

# SCHEDULING PROCEDURES

#### **EXAMINATION REGISTRATION**

To be eligible to **register for the examination**, the applicant shall have satisfactorily completed the required work experience. Effective 9/1/24 you will apply online versus using the paper application. <u>Click Here</u> and select VIEW AVAILABLE TESTS and select which Test you will be applying for. Select SIGN IN/REGISTER and select <u>Create Account</u>. You will be required to upload the required documentation.

# REVIEW AT PSI

Once PSI receives the proper documentation, allow up to one week for processing. Upon approval, you will receive an email confirmation with instructions on how to pay and schedule for the examination.

1. 269.28

#### **CONFIRMATION NOTICE**

Upon approval of your registration materials, PSI will confirm your eligibility to take the examination by mailing you a confirmation notice which authorizes you to call to make a test appointment. If you do not receive a confirmation notice within three weeks of sending your registration materials, call 1-(855) 746-8173 to confirm your status at PSI.

Once approved, it is your responsibility to contact PSI to pay and schedule for the examination.

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

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 <u>https://test-takers.psiexams.com/mdplu</u>. 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**

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 receive your payment and schedule your appointment for the examination.

#### **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://testtakers.psiexams.com/mdplu or 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 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.

#### EXAM ACCOMMODATIONS AND OUT-OF -STATE TESTING

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>.

#### EMERGENCY TEST CENTER CLOSING

In the event that inclement weather or other emergencies force the closure of a test center on an assigned test date, your examination will be rescheduled. You will be notified of the new date and time of the test. Every effort will be made to schedule a convenient time as soon as possible.

# **REPORTING FOR THE EXAMINATION**

#### **TESTING CENTER LOCATIONS**

The following are the testing centers where you may take the examinations.

## BALTIMORE

2622 Lord Baltimore Dr, Suite C-D Baltimore, MD 21244

From I-695 N - Take exit 17 for Security Blvd toward Woodlawn. Keep left at the fork and merge into Security Blvd. Turn right onto Lord Baltimore Dr. At the traffic circle, continue straight to stay on Lord Baltimore Dr. At the next traffic circle, again stay straight to stay on Lord Baltimore Dr. A little over ½ mile later, the PSI test center will be on your left.

From I-695 S - Take exit 18 for MD-26/Liberty Rd toward Lochearn/Randallstown. Continue straight onto Lord Baltimore Dr, using the signs for MD-26/Lochearn). The PSI test center is roughly 1  $\frac{1}{2}$  miles from here on the right.

#### **COLLEGE PARK CENTER:**

The Sterling Building 4920 Niagara Road, Suite 400 College Park, MD 20740

From I-95 North/Beltway, take Exit 25/Route 1 toward College Park. Continue straight across Route 1 onto Edgewood Road. Continue to the 4-way stop. Turn left onto Rhode Island Avenue. Turn left at the next road - Niagara Road. The Sterling Building is on the right. Park in the appropriately marked spaces.

From I-95 South take Exit 25. Stay in the left turn lane and make a left at the next light which is Edgewood Road. Continue to the 4-way stop. Turn left onto Rhode Island Avenue. Turn left at the next road - Niagara Road. The Sterling Building is on the right. Park in the appropriately marked spaces.

#### **CROFTON CENTER:**

Morauer III Building 2137 Espey Court, Suite 3 Crofton, MD 21114

From Defense Highway (450), take the Priest Bridge Rd exit going South. Turn right on Espey Court.

From the Washington Beltway, take 50 East to 3 North. Turn right

on Defense Highway (450), take the Priest Bridge Rd exit going South. Turn right on Espey Court.

#### **HAGERSTOWN CENTER:**

140 West Franklin Street, Suite A Hagerstown, MD 21740

From I 70: Take exit 32B Hagerstown. This is US Route 40 west. Follow Route 40 for 4.1 miles to 140 W. Franklin Street. It is slightly past the intersection of Jonathan and Franklin. You must turn into the church parking lot on the right before you reach 140 W. Franklin Street.

From I 81: Take exit 6 US Route 40 east. Follow on Route 40 for 1.6 miles and turn left on to Jonathan Street. After one block turn left on to Franklin Street. Stay right and enter the church parking lot. This will come up quickly on the right.

There are many parking spots reserved for PSI testing on the lot. You will then walk past the front of the church and into 140 W. Franklin Street, Suite A is on the ground floor. No steps required to enter.

There is one handicapped spot reserved for PSI on the lot at 140 W. Franklin Street near the entrance door. All other parking has to be on the church lot.

#### MID-ATLANTIC TESTING COMPANY

13992 Baltimore Ave, Suite 205 Laurel, MD 20707

Take exit 33A off of I-95. Take ramp right for MD-198 East toward Laurel. Turn right onto US-1 South - Washington Blvd S. The last intersection is Cypress St. - Arrive at 13992 Baltimore Ave.

#### **BRAINSEED TESTING SERVICES**

1322 Belmont Ave, Bldg 2, Suite 203

Salisbury, MD 21801

Directions: Brainseed Testing - Salisbury is located at 1322 Belmont Avenue, Bldg #2, Suite 203, Salisbury, MD 21801. The Center is located with the East Park Professional Center and is just off route 50.

Additionally, PSI has examination centers in many other regions across the United States. You may take this examination at any of these locations. Once you have paid for the examination, enter your zip code and a list of the testing sites closest to you will appear.

#### **REPORTING TO THE TEST CENTER**

On the day of the exam, you should arrive at least 30 minutes before your scheduled appointment. This extra time is for sign-in and identification and to familiarize you with the test process.

#### **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:

- Candidates are allowed to bring a hardcover or paperback bound word-to-word translation dictionary. Word-to-word translation dictionaries are not to contain pictures or definitions
- 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.
- 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

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.

#### SCORE REPORTING

Your passing or failing indication will appear immediately on the computer screen at the end of your test. Exam results are confidential and will be revealed only to you and the Board/Department.

If you do not pass, you may submit a new registration form to PSI with the appropriate fee and schedule a new appointment to retake the exam. YOU MAY NOT TAKE THE EXAMINATION MORE OFTEN THAN EVERY 30 DAYS.

# **EXPERIMENTAL QUESTIONS**

In addition to the number of questions per examination, a small number of five to ten "experimental" questions 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 REVIEW

In the event you fail the examination you will be given 30 minutes at the end of the examination to review the items you missed at no charge. The items will not be in any particular order.

PSI, in cooperation with the Board, 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, by using the comments key on the keyboard. These comments will be analyzed by PSI examination development staff. PSI does not respond to individuals regarding these comments, and all substantive comments are reviewed. This is the only review of examination materials available to candidates.

#### DUPLICATE SCORE REPORTS

You may request a duplicate failing score report after your examination by emailing <u>scorereport@psionline.com</u> or by calling (855) 746-8173.

#### LICENSE APPLICATION

# LICENSE APPLICATION INSTRUCTIONS

Passers will NOT receive any additional notices from PSI. They will receive a registration card that is used in conjunction with electronic filing for the actual license from DLLR.

Questions regarding the license application should be directed to the State Board of Plumbing at 410-230-6231. *Do not contact PSI*.

# FOLLOWING IS A LIST OF COURSE PROVIDERS FOR NATURAL GAS FITTERS

Maryland Association of Plumbing-Heating-Cooling Contractors 10176 Baltimore National Pike, Suite 205 Ellicott City, Maryland 21042 Contact: Diane Kastner Phone: 410-461-5977 or 1-800-723-4900

Pipe Trades Technologies 1317 N. Fountain Green Road Bel Air, MD 21015-2505 Contact: Shelly Fishpaw Phone: 410-638-8731 Fax: 443-640-4201

Plumbers and Pipefitters Local 5 Training School 5000 Forbes Boulevard Lanham, Maryland 20706 Contact: Tim Hailey Phone: 301-552-3505 Fax: 301-552-2805

Plumbers and Steamfitters Local 486 Training School 1201 66<sup>th</sup> Street Baltimore, Maryland 21237-2570 Contact: Allen B. Clinedinst, III Phone: 410-866-5313 Fax: 410-866-3954

Plumbers and Pipefitters Local 489 Training School 2 Park Street Cumberland, Maryland 21502 Contact: Scott Upole Phone: 301-722-8515 Fax: 301-759-4168

Plumbers and Pipefitters, Local 602 Training School 8421 Ardwick-Ardmore Road Landover, Maryland 20785 Contact: Mr. Jim Balcderson Phone: 301-341-1555 Fax: 301-386-3271

Plumbers and Pipefitters Local 782 Training School 1049 South Dual Highway Seaford, Delaware 19973 Phone: 302-629-3521 Fax: 302-628-0782

S&S Training, Inc. (successor to BGE Training School) Baltimore, Maryland Contact: William Savage Phone: 410-852-7093 Contact: Jim Schmidt Phone 410-491-5494 To place an order for one or more of the following items listed, you may:

- **>** Order online at <u>www.psionlinestore.com</u>
- **\** Call the PSI Online store toll-free at (866) 589-3088

Note: prices are available online at www.psionlinestore.com

29 CFR Part 1926 Selections
Mathematics for Plumbers and Pipefitters

Please note: Inventory and pricing subject to change without notice.