

Journeyman Plumber Examination Information

1. Any person who is registered as an apprentice with Onondaga County Water Environment Protection may be qualified for upgrading to the level of Journeyman Plumber. Individuals must be examined by the Onondaga County Examining Board for Plumbers and obtain a Certificate of Competency. Eligibility to take the Competency Examination is outlined in the Requirements for Implementation of the New York State Fire Prevention and Building Code - Plumbing.

For an application to sit for the exam, please write or phone:

**Onondaga County Department of Water Environment Protection
Division of Plumbing Control
650 Hiawatha Blvd W
Syracuse, NY 13204-1123**

**Telephone: (315) 435-6614
Fax: (315) 435-5425**

The Onondaga County Department of Personnel will administer, proctor and grade the exam.

2. The next examination date is:

**Saturday – November 2, 2024
9:00 a.m. to 12:30 p.m.**

Applications and payments must be in to Plumbing Control by the End of Business on:

Friday, September 27, 2024

Please Note – LATE APPLICATIONS WILL NOT BE ACCEPTED FOR ANY REASON. Applications received without payment will not be accepted

3. You will be notified in writing as to whether or not you are found to be qualified to take the exam. You will receive this notification no later than 10 days prior to the examination date. If you are found to be qualified you will be notified of the time and location of the exam.

The fee for the Journeyman Exam is: \$25.00

Payment may be made by a check payable to CFO or by a credit card

Please note that NO cash payments will be accepted

Examination Contents

The examination consists of two (2) sections (multiple choice and drawings):

1. The first section consists of 35 multiple choice questions worth two (2) points each for a total of 70 points. Your answers to these questions must be shown on a separate answer sheet provided to you. You will not be given credit for any question which has been answered incorrectly, left blank or has more than one (1) answer marked.
2. The second section consists of multiple drawings which total 30 points.
3. When the two section scores are combined, the successful candidate will have achieved a minimum passing grade of 75. The time limit for the exam will be 3½ hours.
4. **IMPORTANT NOTE: This is a partial open book exam. You may only bring a copy of the 2020 Plumbing Code of New York State for reference.** A calculator will be provided. Candidates are requested to bring two #2 pencils. Colored pencils are not allowed.

Subject Matter

1. The subject matter for the multiple choice questions will include:

- sanitary and storm drainage systems and sewers
- water supply and distribution
- knowledge of applicable codes
- general trade practice
- installation technique
- special wastes
- fixtures
- business math & general math

The majority of the questions are based upon the plumbing related provisions of the 2020 Plumbing Code of New York State and the Requirements for Implementation of the New York State Fire Prevention and Building Code – Plumbing, and the “Local Law #9 amended by Local Law #6 (2004)”. The remainder of the questions are based upon plumbing related knowledge and practice, general math and business math.

2. The subject matter for the drawings are based upon the candidates knowledge of plumbing system details at the journeyman level. The candidate will be required to complete drawings of plumbing system layouts showing all appropriate details. Instructions for completing each drawing will be provided at the time of the exam.

Examination Reference

The following publications should be used as references for preparation for the exam:

1. The 2020 Plumbing Code of New York State. **Be sure to bring a copy of this reference to the exam.**
2. Requirements for Implementation of the New York State Fire Prevention and Building Code – Plumbing and the “Local Law #9 amended by Local Law #6 (2004)”.
These documents are available from Plumbing Control.

Some of the questions will be based on field experience and knowledge of trade practices, therefore questions will not be limited to these references.

Code Books Sold By:

**I.C.C.
2020 Plumbing Code of New York State
ISBN: 978-1-60983-917-8**

Telephone Number: 1-800-786-4452

order@iccsafe.org

Sample Questions

1. A valve installed in the water service pipe inside of the building near the point of entry is known as:
- a. curb valve
 - b. riser valve
 - c. meter valve
 - d. dwelling unit valve

Answer: c

2. Under the Plumbing Code of New York State, the maximum distance of a vent from a 2" trap is:
- a. 3' at $\frac{1}{4}$ " per foot slope
 - b. 4' at $\frac{1}{2}$ " per foot slope
 - c. 8' at $\frac{1}{4}$ " per foot slope
 - d. 6' at $\frac{1}{8}$ " per foot slope

Answer: c

3. Copper tubing $1\frac{1}{2}$ " and larger installed horizontally above ground must be supported at intervals no greater than:
- a. 5'
 - b. 6'
 - c. 8'
 - d. 10'

Answer: d

4. The area of a circle with a diameter of 3.5 feet is:
- a. 9.6 square feet
 - b. 11.0 square feet
 - c. 22.0 square feet
 - d. 38.5 square feet

Answer: a

5. A plumber purchased \$375.00 in materials in an area where the sales tax is 6%. What was the amount of tax paid?
- a. \$21.23
 - b. \$22.50
 - c. \$23.75
 - d. \$26.25

Answer: b

Examination Date: November 2, 2024

Onondaga County Examining Board for Plumbers
Application for Journeyman Examination

Name _____ Date _____

Address _____ Phone _____

City, State, Zip Code _____

Please list previous plumbing trade related employment:

<u>Employer</u>	<u>Job Duties</u>	<u>FROM</u> <u>(Month/Year)</u>	<u>TO</u> <u>Month/Year)</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

High School _____ Years _____

College _____ Years _____

Trade School _____ Years _____

It would be to your advantage to attach other information relevant to your work experience and job duties in the plumbing trade.

I hereby certify that the above facts are true and correct.

Signed _____

Date

Return Completed Form and Payment no later than End of Business on **Friday, September 27, 2024** to:

Onondaga County Department of Water Environment Protection
Division of Plumbing Control

650 Hiawatha Blvd W

Syracuse, NY 13204-1123

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