



ISO 9001:2015 Certified

INSPECTION • TESTING • CERTIFICATION

## ***CANDIDATE INFORMATION BULLETIN for CERTIFICATION EXAMINATIONS***

- ✓ **City of Kearney UPC Journey Level Plumber,  
Includes Gas**
- ✓ **City of Kearney UPC Master Level Plumber,  
Includes Gas**



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**Important note to examination candidates:**

*The information contained in this document is important. Please read it carefully.*



## I. GENERAL INFORMATION

### ABOUT NITC PERSONNEL CERTIFICATIONS

For many years the certification of personnel in the skilled trades was a voluntary effort except where required by an employer or by the local jurisdiction. However, new government and industry requirements continue to emerge asking such personnel to document their qualifications through written examination and/or practical testing. NITC is the clear leader in providing personnel certification which meets this need while holding to the highest standards of modern test practice.

NITC's certification programs for technicians in the pipe trades are nationally recognized and are the result of years of effort by industry experts. A certification awarded to a successful candidate can be useful in documenting a technician's qualifications and the level of skill they possess in their specific trade.

### ABOUT THE EXAMINATION DEVELOPMENT

The first step in the development of an objective test is to identify the knowledge necessary for the certification holder. This knowledge was identified by a team of industry experts assembled by NITC. The content of each exam is based on categories and tasks identified by these experts during in-depth job task analyses. The passing scores were also determined by these subject matter experts using psychometrically accepted standard-setting methodology.

### HOW TO OBTAIN THE NITC RULES AND PROCEDURES DOCUMENT

The Medical Gas Installer Certification is governed by the [NITC's Rules and Procedures Manual](#). This document goes into greater detail on a number of the topics covered in this examination information bulletin. Topics covered include:

- Statement of Purpose
- About NITC
- Certifications Administered by NITC
- Scope of Examinations
- Basis of Examination Construction, Validation and Security
- Maintaining and Upgrading Examinations
- Application Procedures
- Examination Fees
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- Reissuance of Lost Certification Cards
- NITC No-Show, Cancellation, and Refund Policy
- NITC Certification Scheme Committee

Copies of [NITC's Rules and Procedures](#) are available on the NITC website at [www.nationalitc.com](http://www.nationalitc.com) and also upon request from NITC Headquarters.

## II. CITY OF KEARNEY UPC JOURNEY LEVEL PLUMBER, INCLUDES GAS

### SCOPE OF WORK: CITY OF KEARNEY UPC JOURNEY LEVEL PLUMBER, INCL. GAS

A Journey Level Plumber, Includes Gas, Includes Gas certification candidate is a qualified individual who can demonstrate journey level competence within their scope and will be proficient in blueprint reading, jobsite safety, and in the practical installation, repair, and service of plumbing systems. A Journey Level Plumber, Includes Gas, Includes Gas certification candidate may also be skilled in jobsite supervision.

Installation, repair and service of plumbing systems includes the construction, installation, alteration, repair, service and maintenance of any new or existing system used for potable water, sewage, waste and vent, and/or gas piping in residential, commercial and industrial settings. A Journey Level Plumber, Includes Gas, Includes Gas is required to have knowledge of proper plumbing terms and definitions, cross connections, back siphoning, backflow, water heaters, LP gas, storm drainage, plumbing fixtures, indirect waste, firestop protection, trade-related math and simple physics, proper sizing of gas, gas vents for appliances, proper layout, and planning and installation of plumbing systems.

A qualified Journey Level Plumber, Includes Gas may perform these tasks alone, or through the supervision of apprentices or other individuals.

**Important additional candidate information:** Although UPC Master and Journeyperson Plumber examinations are primarily designed to provide licensing agencies with information regarding qualified contractors and professionals in this trade, some test candidates may use these examinations to serve as an independent appraisal of their competency in the construction field.

These examinations are based primarily on the information contained in the Uniform Plumber Code.

A passing grade on one of these certification examinations does not guarantee that a licensing agency will award a license to the certification holder. If your purpose in getting this certification is to secure a license then start your testing process by determining what your local agency requires of you. Consult with your local or state licensing agency prior to scheduling your test to determine which examination you should take and what, if any, prequalification criteria you must meet prior to testing.

### EXAMINATION QUALIFICATION REQUIREMENTS

Candidates must have a minimum of four (4) years experience in installation of piping systems. Completion of a recognized apprenticeship program or proof of four (4) years experience from employers is necessary.

## ABOUT THE EXAMINATION

**2015 UPC** Journey Level Plumber, Includes Gas Certification Examination is based primarily on the **2015 edition of the Uniform Plumber Code** published by the International Association of Plumbing and Mechanical Officials (IAPMO).

A content outline is provided below as an aid in preparing for the Journey Level Plumber, Includes gas examination.

Official Exam References: 2015 UPC (Uniform Plumber Code)\*

Description: Open book exam consisting of 100 multiple choice questions

Passing grade: 75% (75 correct)

Total time allowed: 2½ hours

Percent of Exam	Objective/Category
25%	General Knowledge of the Uniform Plumbing Code
25%	Sizing Drainage, Waste, and Vent Systems
25%	Sizing Water Supply and Distribution
25%	Sizing Fuel Piping

## PERMITTED REFERENCES

The **2015 Uniform Plumber Code** book is allowed to be used during this examination

An NITC-approved proctor administers the multiple-choice examination. Candidates are notified of a pass or fail result in writing by NITC, the training agency, or by the association that requested the examination.

Candidates failing to achieve a passing score will be eligible for re-examination as soon as the next examination is scheduled. Re-examination fees are listed in the [Certification Examination Price List](#).

### III. CITY OF KEARNEY UPC MASTER PLUMBER, INCLUDES GAS

#### **SCOPE OF WORK: CITY OF KEARNEY UPC MASTER PLUMBER, INCLUDES GAS**

A Master Plumber certification candidate is a qualified individual who can demonstrate mastery of the trade and will be skilled and experienced in management, planning, blueprint reading, and the practical installation, repair, and service of plumbing systems.

Installation, repair and service of plumbing systems includes the design, construction, installation, alteration, repair, service and maintenance of any new or existing system used for potable water, sewage, waste and vent, and/or gas piping in residential, commercial and industrial settings. A Master Plumber is required to have knowledge of proper plumbing terms and definitions, cross connections, back siphoning, backflow, water heaters, LP gas, storm drainage, plumbing fixtures, indirect waste, firestop protection, trade-related math and simple physics, proper sizing of gas, gas vents for appliances, proper layout, and planning and installation of all plumbing systems.

A qualified Master Plumber may perform these tasks alone, or through the supervision of other individuals.

**Important additional candidate information:** Although UPC Master and Journeyperson Plumber examinations are primarily designed to provide licensing agencies with information regarding qualified contractors and professionals in this trade, some test candidates may use these examinations to serve as an independent appraisal of their competency in the construction field.

These examinations are based primarily on the information contained in the Uniform Plumbing Code.

A passing grade on one of these certification examinations does not guarantee that a licensing agency will award a license to the certification holder. If your purpose in getting this certification is to secure a license then start your testing process by determining what your local agency requires of you. Consult with your local or state licensing agency prior to scheduling your test to determine which examination you should take and what, if any, prequalification criteria you must meet prior to testing.

#### **EXAMINATION QUALIFICATION REQUIREMENTS**

Candidates shall have a minimum of Six (6) years documented experience in installation of plumbing systems. Completion of a recognized Federal and State approved apprenticeship program AND proof of two additional years plumbing experience from employers is acceptable. Applicants must provide, in addition to meeting the experience requirements, a passing score on the NITC's Journeyman Plumber certification exam, or provide proof of a passing score on a comparable examination offered by a nationally-recognized testing body.

## ABOUT THE EXAMINATION

**2015 UPC Master Level Plumber, Includes Gas Certification Examination** is based on the **2015 edition of the Uniform Plumbing Code** published by the International Association of Plumbing and Mechanical Officials (IAPMO).

A content outline is provided below as an aid in preparing for the Master Level Plumber, Includes gas examination.

Official Exam Reference: 2015 UPC (Uniform Plumbing Code)\*

Description: Open book exam consisting of 125 multiple choice questions

Passing grade: 75% (93 correct)

Total time allowed: 4 hours

Percent of Exam	Objective/Category
2%	Administration
2%	Alt Sources for Nonpotable Applications
2%	Definitions
2%	Firestop Protection
11%	Fuel Gas Piping
5%	General Regulations
4%	Health Care Facilities / Medical Gas and Vacuum Systems
2%	Indirect Wastes
1%	Math
4%	Plumbing Fixtures and Fixture Fittings
28%	Sanitary Drainage and Vents
2%	Storm Drainage
3%	Traps and Interceptors
10%	Water Heaters
22%	Water Supply and Distribution

Examination scores will be divulged in writing only to the examinee or to the appropriate source.

## ***PERMITTED REFERENCES***

The **2015 Uniform Plumber Code** book is allowed to be used during this examination

An NITC-approved proctor administers the multiple-choice examination. Candidates are notified of a pass or fail result in writing by NITC, the training agency, or by the association that requested the examination.

Candidates failing to achieve a passing score will be eligible for re-examination as soon as the next examination is scheduled. Re-examination fees are listed in the [Certification Examination Price List](#).