

**Chapter 118****PLUMBING****Sections:****GENERAL PROVISIONS****118-1 DEFINITIONS****118-2 LIST OF JOURNEYMENT TO BE FILED****118-3 MASTER PLUMBER OR GAS FITTER NOT TO ALSO WORK AS JOURNEYMAN****118-4 APPROVAL OF PLAN AND ISSUANCE OF PERMIT REQUIRED****118-5 PERMITS RESTRICTED TO DULY CERTIFIED MASTER PLUMERS OR GAS FITTERS****118-6 SUPERVISION OF WORK****118-7 BOND****118-8 CERTIFICATE OF LIABILITY INSURANCE****118-9 TOWN MANAGER AS STATUTORY AGENT OR MASTER PLUMBER OR GAS FITTER****119-10 PAYMENT OF TAX REQUIRED****PLUMBING INSPECTOR****118-11 APPOINTMENT; POWERS AND DUTIES****118-12 (RESERVED)****118-13 RIGHT OF ENTRY****118-14 THROUGH 118-21 (RESERVED)****PLUMBING STANDARDS****118-22 ADOPTION OF STANDARDS; MODIFICATIONS****118-23 PREVALENCE OF MORE STRINGENT PROVISIONS****118-24 AVAILABILITY OF COPIES****118-25 VIOLATIONS AND PENALTIES****STANDARDS FOR INSTALLATION OF GASE APPLIANCES AND GAS PIPING****118-26 ADOPTION OF STANDARDS; PREVALENCE OF MORE STINGENT PROVISIONS****118-27 AVAILABILITY OF COPIES****118-28 VIOLATIONS AND PENALTIES**

Adopted by the Town Council of the Town of Front Royal 3-11-85 (*Chapter 21 of the 1965 Code. Sections 118-7A and 118-11 amended at time of adoption of Code. Certificate of Competence for plumbers and gas fitters, was repealed 8-13-84 by Ord. No. 9-84.* For current provisions regarding certification of plumbers, electricians and building-related mechanical workers, see Chapter 60. Other amendments noted where applicable.

## GENERAL PROVISIONS

### 118-1 DEFINITIONS

For the operations of this chapter, the following definitions, except as or otherwise provided or when the context clearly requires a different meaning, shall apply:

**GAS FITTING** - The installation, extension and repair of any piping, tubing, fixtures or devices for the conveyance and consumption of gas for power, refrigeration, heating or illumination purposes, and all their attachments and appurtenances and the repair and maintenance of the same.

**PLUMBING** - The profession, art or trade of and all work done and all materials used in and for introducing, maintaining and extending a supply of water through a pipe or pipes, or any appurtenances thereof, in a building, lot, premise or establishment; and the installing, connecting or repairing any system of drainage whereby soil, foul waste, surplus water, gas, odor, vapor or fluid is discharged or proposed to be discharged through a pipe or pipes from any building, lot, premises or establishment into any main, public or private sewer, drain, pit, box, filter-bed, leaching well, septic tank or other receptacle or into any natural or artificial body of water of watercourse or any open ditch, on public or private property; and ventilating any building, sewer or fixture or appurtenances connected therewith; and the performing classes of work generally done by plumbers.

### 118-2 LIST OF JOURNEYMEN TO BE FILED

Each master plumber or master gas fitter shall file with the Plumbing Inspector the names of the licensed journeymen in his employ, and such file shall be kept up-to-date as changes in his organization may occur.

### 118-3 MASTER PLUMBER OR GAS FITTER NOT TO ALSO WORK AS JOURNEYMAN

A master plumber or gas fitter shall not work as a journeyman plumber or gas fitter and at the same carry on business in the town as master plumber or gas fitter.

### 118-4 APPROVAL OF PLAN AND ISSUANCE OF PERMIT REQUIRED

It shall be unlawful for any person to perform or undertake to perform any plumbing work or gas fitting in the town until the plan of the proposed work has been approved by the Plumbing Inspector for the town and a permit issued by him for the performance of such work.

**118-5 PERMITS RESTRICTED TO DULY CERTIFIED MASTER PLUMBERS OR GAS FITTERS.**

No permit to perform plumbing work or gas fitting shall be issued, as provided in Section 118-4, to any person unless such person is already duly licensed and certified as a master plumber or gas fitter in accordance with the provisions of this Article.

**118-6 SUPERVISION OF WORK**

A. All plumbing work shall be done under the direct supervision of a master plumber, who shall be responsible for all work done under any permit issued to him, and none other than duly certified journeyman plumbers shall be employed in forming, fitting, placing or connecting any plumbing work as defined in this Article.

B. All gas fitting shall be done under the direct supervision of a master gas fitter, who shall be responsible for all work done under any permit issued to him, and none other than duly certified journeyman gas fitters shall be employed in forming, fitting, placing or connecting any gas fitting as defined in this Article.

**118-7 BOND**

A. Every master plumber holding a certificate of competence and every master gas fitter holding a certificate of competence shall give a surety bond payable to the town in the sum of one thousand dollars (\$1,000.), with the corporate surety, approved by the Town Attorney and conditioned to indemnify and save harmless the town, as well as any other person, from all expenses and damage that may be caused by any negligent, defective or inadequate work done in the town under any contract that such person may undertake and also conditioned upon the faithful performance of, and compliance with, all of the provisions of this chapter \*.

B. Such master plumbers and such master gas fitters shall not engage in or carry on their trade or occupation until such bond has been given, nor shall any license be issued to such master plumber or master gas fitter under Chapter 98 until such bond shall have been given.

C. Such bond shall be for the license period and shall be renewed upon renewal of license.

D. The Plumbing Inspector and Town Manager shall have authority to declare such bond forfeited.

**118-8 CERTIFICATE OF LIABILITY INSURANCE**

A master plumber or master gas fitter of whom a bond is required in Section 118-7 may give a certificate of liability insurance in lieu of such bond. Such certificate of liability insurance shall be subject to all the terms, conditions and requirements of Section 118-7.

**118-9 TOWN MANAGER AS STATUTORY AGENT OF MASTER PLUMBER OR GAS FITTER.**

A. It shall be provided in the surety bond, given as provided in Section 118-7, that the Town Manager shall be named as statutory agent of a master plumber or master gas fitter holding a certificate of competence issued under this chapter, for all purposes under the provisions of this chapter.

B. It shall be unlawful for any such master plumber or master gas fitter to fail, neglect or refuse to name the Town Manager as his statutory agent for all purpose under the provisions of this chapter.

**118-10 PAYMENT OF TAX REQUIRED**

No person shall engage in or carry on the trade or occupation of a master plumber or master gas fitter within the town without having paid the requisite license tax under Chapter 98.

**PLUMBING INSPECTOR****118-11 APPOINTMENT; POWERS AND DUTIES**

A Plumbing Inspector may be appointed by the Town Manager, who shall then enforce all provisions of this Code and other ordinances of the town relating to plumbers, plumbing, plumbing equipment, plumbing fixtures and appurtenances thereto, as well as those relating to gas fitters and the installation of gas appliances and gas piping.

**118-12 (RESERVED)****118-13 RIGHT OF ENTRY**

The Plumbing Inspector in the discharge of his official duties, and upon property identification, shall have authority to enter any building, structure or premises at any reasonable hour.

**118-14 THROUGH 118-21 (RESERVED)****PLUMBING STANDARDS****118-22 ADOPTION OF STANDARDS; MODIFICATIONS**

There is hereby adopted by the Council, for the purpose of regulating plumbing, plumbing equipment, plumbing fixtures and appurtenances thereto, that certain code known as the "State Plumbing Code," adopted by the State Board of Health on May 6, 1959, and the same is hereby adopted and incorporated as fully as if set out at length herein, and from the date on which the Code of the Town of Front Royal, Virginia, shall take effect, the provisions thereof so adopted shall be controlling in the regulation of plumbing, plumbing equipment, plumbing fixtures and

appurtenances thereto, in the town; provided, however, that the State Plumbing Code adopted in this section is amended, modified and changed as follows:

A. Paragraph 2.17.1 is amended to read as follows:

**2.17.1** Sewers and water service piping shall be installed below the lowest recorded frost penetration, and in no case shall there be not less than two (2) feet of earth cover over sewers and not less than three (3) feet of earth cover over water service piping.

B. Paragraph 5.2.4 is deleted in its entirety.

C. Paragraph 5.3.6 is amended to read as follows:

**5.3.6 Prohibited Traps.**

- a. No trap which depends on its seal upon the action of movable parts shall be used.
- b. Bell traps are prohibited.
- c. Crown-vented traps are prohibited.
- d. Drum traps are prohibited.

D. Paragraph 5.4.9 is added to follow Paragraph 5.4.8, as follows:

**5.4.9 Building Sewer Junction.** There shall be a cast-iron forty-five-degree Y-branch cleanout at the junction of the building sewer with the public sewer (at the property line). The cleanout shall be extended with cast iron to the finished grade level.

E. Paragraph 7.13.1 is amended to read as follows:

**7.13.1 Separate Connections.** Domestic food-waste-disposal units shall be connected and trapped separately from any other fixture or compartment. Units may have either automatic or hand-operated water supply control. (See Paragraph 10.4).

F. Paragraph 10.10.2 is added to follow Paragraph 10.10.1, as follows:

**10.10.2** Water-distributing pipes of copper shall be copper water tube Type L, conforming to ASTM B-88-58, or better when used inside, aboveground. Water-distributing pipes of copper shall be of copper water tube type K or better when used underground, inside or outside of building.

G. Paragraph 10.17.4 is added to follow Paragraph 10.17.3, as follows:

**10.17.4 Pockets or Low Places in Water-Distributing Pipes.** All pockets or low places in water-distributing pipes shall be equipped with a drain valve or a removable screwed plug or cap in order that the entire water distribution piping may be drained.

H. Paragraph 11.1.3, is amended to read as follows:

**11.1.3 Underground Piping within Building.** All drains within buildings, when underground, shall be of cast-iron soil pipe. For buildings under three (3) stories in height, the pipe shall be service weight

For buildings three (3) stories or more in height, the pipe shall be of extra-heavy weight.

When approved by the administrative authority, the use of vitrified clay pipe with acid proof joint material may be used underground within the building, provided that it is encased or cradled with plan or reinforced concrete in such a manner as to sustain the anticipated overburden.

The following materials may be used underground when approved by the administrative authority: galvanized steel or galvanized ferrous alloy, lead or copper pipe or copper tubing. Where threaded joints are approved for use in underground, they shall be coated and wrapped after installation.

I. Paragraph 11.2.1 is amended to read as follows:

**11.2.1 Generally.** The building sewer shall be of cast-iron sewer pipe (service weight minimum) with leaded joints. Joints shall be watertight and root proof. The building sewer shall be tested with a ten-foot head of water or equivalent and found to be tight.

J. Paragraph 11.2.2 is deleted in its entirety.

K. Paragraph 11.2.3 is deleted in its entirety.

## **118-23 PREVALENCE OF MORE STRINGENT PROVISIONS**

In the event of conflict or inconsistency between the provisions of the State Plumbing Code hereby adopted and the provisions of other ordinances of the town, the more stringent provisions shall be construed to control.

## **118-24 AVAILABILITY OF COPIES**

Copies of the State Plumbing Code, adopted by Section 118-22, may be obtained at the office of the Plumbing Inspector in the town during regular business hours.

## **118-25 VIOLATIONS AND PENALTIES**

Any person failing, neglecting or refusing to comply with the State Plumbing Code, adopted by reference in Section 118-22, shall be punished as provided in Chapter 1, Article II, Penalties, of this Code.

### **STANDARDS FOR INSTALLATION OF GAS APPLIANCES AND GAS PIPING**

#### **118-26 ADOPTION OF STANDARDS; PREVALENCE OF MORE STRINGENT PROVISIONS**

There is hereby adopted by reference, as fully as if set out at length herein, by the Council, for the purpose of establishing rules and regulations for the installation of gas appliances and gas piping, that certain pamphlet entitled "Standards of the National Board of Fire Underwriters for the Installation of Gas Appliances and Gas Piping," as recommended by the National Fire Protection Association, dated August 1959, being designated pamphlet NBFU No. 54, and such Standards of the National Board of Fire Underwriters for the Installation of Gas Appliances and Gas Piping are hereby adopted and incorporated as fully as if set out at length herein, and from the date on which the Code of the Town of Front Royal, Virginia, shall take effect, the provisions thereof so adopted shall be controlling in the installation of gas appliances and gas piping within the town; provided, however, that in the event of conflict or inconsistency between the Standards of the National Board of Fire Underwriters for the Installation of Gas Appliances and Gas Piping hereby adopted and the provisions of other ordinances of the town, the more stringent provisions shall be construed to control.

#### **118-27 AVAILABILITY OF COPIES**

Copies of the pamphlet entitled "Standards of the National Board of Fire Underwriters for the Installation of Gas Appliances and Gas Piping," adopted by Section 118-26, may be obtained at the office of the Plumbing Inspector in the town during regular business hours.

#### **118-28 VIOLATIONS AND PENALTIES**

Any person failing, neglecting or refusing to comply with the pamphlet entitled "Standards of the National Board of Fire Underwriters for the Installation of Gas Appliances and Gas Piping," adopted by Section 118-26, shall be punished as provided in Chapter 1, Article II, Penalties, of this Code.