

## **Ordinance #87**

### **1990 BOCA PLUMBING CODE**

**An Ordinance Establishing Minimum Regulations Governing Design, Installation And Construction Of Plumbing Systems, By Providing Reasonable Safeguards For Sanitation To Protect Public Health Against Hazards Of Inadequate, Defective Or Unsanitary Plumbing Installations; Known As The Plumbing Code; And Repealing Existing Ordinance Number 30 Of Milford Township, Bucks County, Pennsylvania.**

#### **Section 1 Adoption of Plumbing Code**

That a certain document, three (3) copies of which are on file in the office of the Milford Township Secretary – Treasurer being marked and designated as “The BOCA National Plumbing Code, Eighth Edition, 1990”, as published by The Building Officials and Code Administrators International, Inc., be and is hereby adopted as the Plumbing Code of Milford Township, Bucks County, Pennsylvania; for the control of buildings and structures as herein provided; and each and all of the regulations, provisions, penalties, conditions and terms of said BOCA National Plumbing Code are hereby referred to, adopted and made a part hereof, as if fully set out in this Ordinance, with the additions, insertions and changes, if any, prescribed in Section 3 of this Ordinance.

#### **Section 2 Inconsistent Ordinances Repealed.**

That Ordinance Number 30 of Milford Township entitled “The Plumbing Code of Milford Township” and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

#### **Section 3 Additions, Insertions and Changes.**

That the following sections are hereby revised as follows;

##### **Section P 100.1 Title:** Amended to read:

These regulations shall be known as the Plumbing Code of Milford Township hereinafter referred to as “The Code”

##### **Section P 104.1 Continuation:** Amended to read:

The legal use and occupancy of any structure existing on date of adoption of The Code, or for which occupancy had been heretofore approved, shall be continued without change except as shall be specifically covered in The Code.

##### **Section P 109.2 Appointment:** Amended to read:

The Code Official shall have a least five (5) years experience as a Registered Master Plumber. He shall not be actively engaged, directly or indirectly, in any plumbing business in Milford Township.

**Section P 111.0 Application for Permit:** Amended to include:

**Section P 111.3 By whom application is made:** Amended to read:

Application for a permit shall be made only by a Registered Master Plumber licensed by The Township, to install all or any part of any plumbing system. The applicant shall meet all qualifications established by rules promulgated with the Code or by Ordinance, resolution or statute. The application shall state the full names and address of the owner, lessee, applicant, and responsible officers, if the owner or lessee is a corporate body, shall be stated.

**Section P 111.5.1 Type of Plans:** Amended to read:

Plans and specifications where required by the Code Official, shall include a plan view and a riser diagram showing work to be performed. Such plans shall show the direction of flow, pipe size, grade of horizontal piping, elevations, drainage fixture unit loads of both stacks and drains in the drain, waste and vent systems, and the supply fixture load for the water system and any branch supplies which serve more than one plumbing fixture, appliance or hose outlet. Furthermore, precautions must be taken to prevent backflow conditions in the event negative pressures develop within the water distribution system. Backflow prevention devices must comply with The Township Water Ordinance and regulations established by Township Water Authority.

**(a) Section P 111.10 Licenses required for the issuance of permits;**

**(b) Section P 111.10.1 License Required:**

A Plumbing Permit shall only be requested by and issued to an individual who possesses a license issued hereunder. The Code Official shall issue a license after the applicant has been approved and after all appropriate fees have been paid.

**Section P 111.10.2 Form:**

Any person desiring to secure a license to obtain Plumbing Permits shall make application for the same on forms prepared and provided by the Code Official.

**Section P 111.10.3 Examination:**

The Code Official shall establish standards and procedures for the qualification, examination and licensing of all applicants. The Code Official shall determine that the applicant is competent and qualified to practice plumbing on the level of the license for which application is made and to the extent required by the Code Officer familiar with the provisions of this Code. The Code Officer may consider previous violations of The Code, this Ordinance, or rules and regulations promulgated thereunder, when determining the qualifications or competency of any applicant.

**Section P 111.10.4                      Term of License, Transferability:**

Every license issued hereunder shall expire on the 31<sup>st</sup> day of December of the year in which the same was issued. No license issued hereunder shall be transferable to any other person or entity.

**Section P 111.10.6                      Plumbing Business:**

Every person who is engaged in the business or practice of plumbing within The Township shall employ only licensed plumbers. Unlicensed apprentices, helpers and laborers may be employed where all such work conducted by said individuals is supervised by one or more licensed plumbers.

**Section P 114.2                      Fee Schedule:** Amended to read:

A fee for each plan, examination, license, plumbing permit and inspection shall be paid in accordance with the schedule of fees as established by resolution.

**Section P 115.4                      Special Inspections:**

Inspections performed in the detection of violations of The Code, prior to issuance of approved zoning and plumbing permits, shall charge a fee, for such inspection as established in Section 114.2 of this Code.

**Section P 117.4                      Penalties:** Amended to read;

Any person who shall violate a provision of The Code or shall fail to comply with any of the requirements thereof or who shall install plumbing work in violation of an approved plan or directive of the Code Official, or of a permit or certificate issued under the provisions of The Code, shall be guilty of a summary offense, punishable by a fine of not more than Five Hundred (\$500.00) Dollars or by imprisonment not exceeding one year, or both such fine and imprisonment. Each day that a violation continues shall be deemed a separate offense.

**Section P 118.2                      Unlawful Continuance:** Amended to read:

Any person who shall continue any plumbing work in or about a structure after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition shall be guilty of a summary offense punishable by a fine of not less than One Hundred (\$100.00) Dollars, or more than Five Hundred (\$500.00) Dollars. Each day that a violation continues shall be deemed to be a separate violation.

**Section P 122.1                      Application for Appeal:** Amended to read:

The owner of a building or structure or any other person may appeal to the Board of Appeals, which shall be composed of the members of the Zoning Hearing Board, from a decision of the Code Official, refusing to grant a modification to the provisions of The Code covering the manner of construction or mate-

rials to be used in the erection, alteration or repair of a plumbing system. Application for appeal shall be based on a claim that the true intent of The Code, or the rules legally adopted thereunder, have been incorrectly interpreted, the provisions of The Code do not fully apply, or that any equally good or better form of construction can be used. The rules and procedures governing the Board of Appeals shall be the same as those set forth in the Zoning Ordinance governing the Zoning Hearing Board which are in effect at the time of such appeal. The application shall be filed on a form obtained from the Code Official within thirty (30) days after the notice was served.

<b>Section P 122.2</b>	<b>Membership of Board:</b>	Delete section:
<b>Section P 122.2.1</b>	<b>Qualifications:</b>	Delete section:
<b>Section P 122.2.2</b>	<b>Alternate Members:</b>	Delete section:
<b>Section P 122.2.6</b>	<b>Compensation of Members</b>	Delete section:
<b>Section P 122.3</b>	<b>Notice of Meeting:</b>	Delete section:
<b>Section P 122.5</b>	<b>Postponed Hearing:</b>	Amended to read:

When two (2) members are not present to consider a specific appeal, either the appellant or the appellant's representative shall have the right to request and receive postponement of the hearing or to have the hearing heard by the hearing officer. A new hearing shall be held within five (5) days.

**Section P 122.6 Board Decision:** Amended to read:

The Board shall affirm, modify or reverse the decision of the Code Official by concurring votes of two (2) members. Failure to secure two (2) concurrent votes shall be deemed a confirmation of the decision of the Code Official, except that the appellant shall be entitled to a further hearing before a full board if there were not three (3) members present when the votes were taken.

**Section P 303.2 Public Systems Available:** Amended to read:

A public sewer system shall be considered available to a building when the building is located within 150 feet of the public sewer.

**Section P 308.3 Freezing:** Amended to read:

Water service piping shall be installed below recorded frost penetration but not less than 3 feet (36") below grade. No water supply pipes shall be installed within outside walls without specific approval of the Code Official.

**Section P 308.4 Sewer Depth:** Amended to read:

Building sewer depth exiting foundation walls shall be no less than 36" below grade unless specific approval is granted by the inspector.

**Section P 402.3 Lead-free Water supply pipe and fittings:** Amended to read:

Pipe and pipe fittings, including valves and faucets, used in water supply systems shall contain no lead.

**Table P 402.4 Water Service pipe:** Amended to read:

Copper (Type K)	ASTM B88
Brass pipe	ASTM B43
Cast Iron (Ductile iron)	ASTM A377 AWWA C151
Galvanized steel pipe	ASTM A53

**Table P 402.5 Water Distribution pipe:** Amended to read:

Brass pipe	ASTM B43
Copper (Type K)	ASTM B88
Galvanized steel pipe	ASTM A53
Polybutylene (PB)	ASTM D3309

**Table P 403.1 Above ground Drainage and Vent pipe:** Amended to read:

ABS plastic pipe	ASTM D2661,F628
Brass pipe	ASTM B43
Cast Iron	ASTM A74, CISP 301
Copper (Type K, L, DWV)	ASTM B88, B251, B306
Galvanized steel pipe	ASTM A53
PVC plastic pipe (DWV)	ASTM D2665, D2949, F891

**Table P 403.2 Underground Building drainage and vent:** Amended to read:

ABS plastic pipe	ASTM D2661,F628
Cast iron pipe	ASTM A74 CISPI 301
Copper (Type K, L)	ASTM B75, B88, B251
PVC plastic pipe (DWV)	ASTM D2665, D2949, F891

**Table P 403.3 Building Sewer pipe:** Amended to read:

ABS plastic pipe	ASTM D2661,D2751,F628
Cast iron pipe	ASTM A74,CISPI 301
Copper (Type DWV)	ASTM B75,B88,B251
PVC pipe (SDR 26)	ASTM D2241

**Section P 403.3.1 Building sewer in trench with water service:** Amended to read:

Building sewer and water pipe shall not be installed in the same trench unless the water line is installed on a separate ledge no less than 18" above the top of the Building sewer. In all cases the water service line shall be no less than 36" in depth to protect it from freezing.

**Section P 405.2 Valves:** Amended to read:

Plumbing appliances and all plumbing fixtures shall have separate shut off valves, also they will be compatible with the type of piping material installed in the system.

<b>Section P 502.1</b>	<b>Aluminum tubing:</b>	Delete section.
<b>Section P 503.1</b>	<b>Asbestos Cement pipe:</b>	Delete section
<b>Section P 504.1</b>	<b>Bituminized Fiber pipe:</b>	Delete section
<b>Section P 506.3</b>	<b>Caulked joints (water):</b>	Delete section
<b>Table P 506.3</b>	<b>Lead depth:</b>	Delete table.
<b>Section P 512.0</b>	<b>Lead pipe:</b>	Delete section.
<b>Section P 514.0</b>	<b>Polyethylene pipe:</b>	Delete section.
<b>Section P 515.3</b>	<b>Solvent cementing:</b>	Amended to read:

Joint surfaces shall be clean and free of moisture. A purple primer conforming to ASTM F656 listed in Appendix A shall be applied. Solvent cement not purple in color and conforming to ASTM D2564 listed in Appendix A shall be applied to all joint surfaces. The joint shall be made while the cement is wet, and in accordance with ASTM D2855 listed in appendix A. Solvent cement shall be handled in accordance with ASTM F402 listed in Appendix A. The use of “all purpose” type cement is not acceptable.

**Section P 518.0 Prohibited joints and connections:**

**Section P 518.1 General:** The following types of joints and connections shall be prohibited.

- (a) Cement or concrete joints
- (b) Mastic or hot pour bituminous joints
- © Fittings not approved for the specific installation
- (d) Solvent cement joints between different types of plastic pipe
- (e) Saddle fittings and saddle connections

**Section P 601.2.1 Underground Pipe:** Amended to read:

The minimum size for underground sanitary drainage pipe shall be three (3”) inches.

**Section P 803.4 Building Subdrains:** Delete section.

**Section P 806.0 Traps on Storm Drains and leaders:** Delete section.

**Section P 807.3 Combining Storm with Sanitary drainage:** Delete (Exception).

**Section P 1001.3 Prohibited Traps:** The following types of traps are prohibited:

- a) Traps with moving parts to maintain their seal
- b) Bell traps

- c) Crown-vented traps
- d) Separate fixture traps which depend on interior partitions for their seal
- e) "S" traps (Except where approved by code official)
- f) Drum traps
- g) Running traps

**Section P 1206.2 Bathtub Waste outlets and Overflows:** Amended to read:

Bathtubs shall have waste outlets and overflows which shall be a minimum of 1 1/2 inches in diameter, and the waste outlet shall be equipped with an approved stopper. Only brass 17ga or better may be used. No (PVC) or (ABS) plastic allowed.

**Section P 1211.3 Size of Floor Drains:** Amended to read:

Floor drains shall be a minimum of three (3") in diameter.

**Section P 1219.0 Water Closets:** Amended to include:

**Section P 1219.5 Water Closets Operated by Flush Tanks:**

The water consumption of water closets operated by flush tanks shall not exceed an average of 1.6 gallons per flush cycle. Unless approved by the Code Official.

**Section 1505.10 Inspection of Devices:**

Periodic inspections shall be made of all backflow preventers to determine whether they are operable. Reduced pressure principle backflow preventers, double check-valve assemblies and double-detector check-valve assemblies shall be periodically tested.

**Section P 1506 Hot Water Supply System:** Amended to include:

**Section P 1506.4.3 Replacement:**

When water heaters are replaced, the temperature relief valve and the pressure relief valve or the combination temperature and pressure relief valve shall also be replaced. The safety devices(s) shall not be reused.

**Section P 1506.6 Thermal Expansion Control:**

A device for controlling thermal expansion shall be installed whenever the building supply pressure becomes greater than the temperature and pressure relief valve pressure settings where a backflow prevention device or a check valve is installed in the potable water supply of the building.

**Article 19 Certification and Licensing:**

The Code shall be amended to include "Article 19" entitled Certification and Licensing".

**Article 19 Certification and Licensing:** Shall include the following:

**Section P 1900 General**

**Section P 1900.1 Scope:**

The provisions of this Article shall control the examination, certification and licensing of Master and Journeyman Plumbers who engage in the business or practice of plumbing in The Township.

**Section P 1901.0 Examination, Certification and Licensing**

**Section P 1901.1 When License Required, Transferability:**

It shall be unlawful for any person to engage in the practice or business of plumbing within the Township without first filling an application with the Code Official and obtaining the required license therefor. No license issued hereunder shall be transferable to any other person or entity.

**Section P 1901.2 Examination and Certification:**

The Code Official shall establish standards and procedures for the qualification, examination, certification and licensing of all Master and Journeyman Plumbers who desire to engage in the practice or business of plumbing within the Township. The Code Official shall issue an appropriate license to each Master or Journeyman Plumber who meets the qualifications as established by the Code Official and successfully passes the examination given by the Code Official or its designee. The Code Official shall not administer an examination until all required fees are paid. The Code Official shall keep a record of all applications for licenses, all examinations, the results thereof and fees paid pursuant thereto.

**Section P 1901.3 Re-Examination:**

Any person who fails to pass the examination, as given by the Code Official or its designee, may apply for re-examination after the expiration of thirty (30) days from the date the test was taken and after payment of the prescribed fee.

**Section P 1901.4 Term of License:**

Every license issued hereunder shall expire on the 31<sup>st</sup> day of December of the year in which the same was so issued. Every licensee may renew said license by filing for re-registration between December 1 and December 31 of the year for which the license was issued. Re-examination will not be required for re-registration, unless the licensee fails to apply for re-registration during the time period specified herein.

**Section P 1901.5 Reciprocity:**



Any person licensed as a Master Plumber or Journeyman Plumber in a city, township or boro, which has approved testing in place to issue such licenses, shall upon registration with The Township and payment of the appropriate fee, and without examination, be issued a license to engage in the practice or business of plumbing within The Township. Such license shall expire on the 31<sup>st</sup> day of December of the year in which the same was issued.

**Section P 1901.6 Temporary License:**

The Code Official may issue a temporary license, pending examination, provided this applicant holds a similar license issued pursuant to standards equivalent to those established by the Board of Appeals. The Code Official may recommend that the Board waive the examination requirements contained in this section for any individual by a majority vote of the members of the Board.

**Section P 1901.7 Revocation:**

The Board of Appeals may revoke any license if obtained through non-disclosure, misstatement or misrepresentation of a material fact, or if a licensee has violated any of the provisions, rules or regulations of The Code or Ordinance. Before a license may be revoked, the licensee shall be notified, in writing, of the charges against him and shall be entitled to a hearing by the Board not sooner than five (5) days from receipt of notice. Notification shall be hand-delivered or sent via certified mail to the address of record on the license application. Evidence that such notice was sent to the address of record shall constitute proper notification, notwithstanding the relocation of the licensee, unless a forwarding address was provided to The Township by the licensee. The licensee shall be given an opportunity to present testimony, oral or written, and shall have the right to cross-examine any and all witnesses or evidence presented. All testimony shall be given under oath or affirmation. The decision of the Board shall be based on the evidence produced at the hearing and shall be made a part of the record. A person whose license has been revoked shall not be permitted to apply for recertification or be recertified within one (1) year from date of such revocation.

**Section P 1901.8 Use of Licensee's name by another:**

No person who has obtained a license hereunder shall permit his name and or license to be used by another for the purpose of obtaining permits to engage in or practice plumbing within the Township.

**Section P 1901.9 Change of name or address:**

Every Licensee shall notify the Code Official, in writing, of any change in the licensee's name or address within thirty (30) days of such change. Any such change shall be noted on the Licensee's license as well as the official records maintained by the Board of Appeals.

**Section 4 Labor and Industry:**

Whenever any provision or requirements of the regulations of the department of Labor and Industry of the Commonwealth of Pennsylvania is more stringent or stricter than a provision or requirements of this Ordinance, the applicable provision or requirement of the regulations of said Department of Labor and Industry shall supersede any such provision or requirement of this Ordinance.

**Section 5 Saving Clause:**

That nothing in this Ordinance or in The Plumbing Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 2 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

ORDAINED AND ENACTED into an Ordinance at a regular meeting of the Board of Supervisors of the Township of Milford, Bucks County, Pennsylvania, this 7<sup>th</sup> day of July, 1992

Attest:

Milford Township Board of Supervisors

Janya Awckland  
Secretary/Treasurer

Charles Strunk  
Brenda M Hoelman – absent  
John A Moyer