

Chapter 6 - BUILDING AND CONSTRUCTION REGULATIONS

ARTICLE XII. FUEL GAS

Sec. 6-91. Adoption of the International Fuel Gas Code

There is hereby adopted by the Village the 2018 International Fuel Gas Code, as hereinafter amended (hereinafter the "Fuel Gas Code"). At least one copy of the International Fuel Gas Code has been on file in the office of the village clerk for a period of at least thirty (30) days prior to the adoption of these provisions and now are and remain on file in the office of the Village Clerk, and the same are hereby adopted and incorporated as fully as if set out at length herein. The provisions of the International Fuel Gas Code, 2018 Edition, published by the International Code Council is hereby adopted by this reference, subject only to the additions, deletions and modifications specifically set forth in Section 6-92 of this Code.

Sec. 6-92. Additions, Deletions and Modifications of the International Fuel Gas Code,

The following sections of the aforesaid International Fuel Gas Code, 2018 edition, are hereby amended, deleted, or modified as hereinafter set forth:

1. Subsection 101.1 Title.

Insert "the Village of Northbrook, Cook County, Illinois" for "[name of jurisdiction]".

2. Section 103. Department of Inspection. Delete this subsection in its entirety.

3. Subsection 106.5.3 Expiration. Delete this Subsection in its entirety and replace it with the following:

106.5.3 Expiration and Time Extensions. Permits shall expire in accordance with the limits established in Sec. 6-6 of the Northbrook Municipal Code. Extensions may be granted for expired permits in accordance with the standards and procedures established in Sec. 6-6 of the Northbrook Municipal Code.

4. Subsection 106.5.5 Suspension or Revocation of permit. Delete this Subsection in its entirety and replace it with the following:

106.5.5 Suspension, revocation or surrender. The code official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code. A permit may also be voluntarily surrendered in accordance with the standards and procedures of Sec. 6-7 of the Northbrook Municipal Code.

5. Subsection 106.6 Fees. Delete this subsection and the related subsections in their entirety.

6. Section 108. Violations. Delete this section in its entirety.

7. Section 109 Means of appeal. Delete the entire section.

8. Section 310.2 CSST. Delete the entire section.

9. Section 310.3 Arc-resistant CSST. Delete the entire section.

10. Subsection 403.4 Metallic pipe. Add a new first sentence to this subsection so it reads as follows:

403.4 Metallic pipe. Metallic pipe shall not be used underground. Metallic pipe shall comply with Sections 403.4.1 through 403.4.4.

11. Subsection 403.4.2. Steel. Add a new sentence to this subsection so it reads as follows:

403.4.2 Steel, stainless steel and wrought-iron pipe shall not be used underground. Steel, stainless steel and wrought-iron pipe shall be at least of standard weight (Schedule 40) and shall comply with one of the following standards:

1. ASME A53M;
2. ASTM A106; or
3. ASTM A 312.

12. **Subsection 403.5. Corrugated stainless steel tubing.** Add a new first sentence to this subsection so it reads as follows:

403.5.4 Corrugated stainless steel tubing. Corrugated stainless steel tubing shall not be permitted.

13. **Subsection 403.5.5 Corrugated Stainless Steel Tubing.** Delete the language in this subsection in its entirety and replace with the following:

403.5.5 Corrugated Stainless Steel Tubing. Corrugated stainless steel tubing shall not be permitted.

14. **Subsection 406.1 General.** Add new language at the end of this subsection so it reads as follows:

406.1 General. Prior to acceptance and initial operation, all piping installations shall be visually inspected and pressure tested to determine that the materials, design, fabrication and installation practices comply with the requirements of this code. The gas piping system shall be tested with air or inert gas. The system shall be tested to a pressure of not less than 20 psi. Gas piping systems shall maintain the full test pressure for a period of not less than 10 minutes.

15. **Subsection 410.1 High pressure regulator.** Add a new subsection to read as follows:

410.1.1 High pressure regulator. Where a high gas pressure regulator is required to decrease upstream gas pressure and the upstream gas pressure exceeds the maximum allowable working pressure of any downstream gas component such as a low pressure gas regulator and/or gas valve, the high gas pressure regulator shall be of a locking type.

Exception: The gas operating equipment always consumes a gas flow rate sufficient to allow a non-locking regulator to retain the correct downstream pressure, or the gas flow is never shut off, stopped or closed off by a component that is rated less than the gas pressure upstream of the high pressure regulator, than a non-locking regulator may be used in place of a locking regulator.

Secs. 6-93 – 6-99 – Reserved.