

#### **§141.05 Fluoridation of Municipal Water Supply**

The municipal water supply shall be fluoridated in the following manner: A fluoride compound shall be added to the drinking water supply at an optimum concentration of about 1.0 ppm of the fluoride ion, provided, however, the concentration of such ion shall not exceed 1.5 ppm at any time.

#### **§141.07 Building Drinking Water Storage Tanks**

(a) Applicability. The owner, agent or other person in control of a building which has one or more water tanks used to store potable water which is distributed as part of the building's drinking water supply system shall comply with the provisions of this section. This section does not apply to the domestic hot water system.

(b) Inspection Requirements. The owner, agent or other person in control of a building shall have the water tank inspected at least once annually. The inspection shall include the examination of the general condition of the tank, including but not limited to the condition of overflow pipes, access ladders, air vents, roof access hatches and screens. The interior and exterior of the water tank and its sealed edges and seams shall be inspected for evidence of pitting, scaling, blistering or chalking, rusting, corrosion and leakage. Inspection of sanitary conditions, including the presence of sediment, biological growth, floatable debris and insects in the tank and rodent or bird activity on and around the tank, shall be performed. The inspection shall include sampling of the water in the water tank to verify the bacteriological quality of the water supply in compliance with Subpart 5-1 of the State Sanitary Code. Sample results shall be reported by a State certified laboratory equipped to analyze drinking water, in accordance with the latest edition of the Standard Methods for the Examination of Water and Wastewater, published jointly by the APHA, the AWWA and the WEF.

(c) Reporting and Record Keeping. A written report documenting the results of such inspection shall be maintained by the owner, agent or other person in control of a building for at least 5 (five) years from the date of the inspection and such reports shall be made available to the Department upon request within 5 (five) business days. The inspection report shall state whether or not all applicable requirements were met at the time of inspection and provide a description of any non-compliance with those requirements.

(d) Public Notice. The owner, agent or other person in control of a building shall post in an easily accessible location to residents in each building served by a potable water tank a notice that inspection results are available upon request. The notice must be placed in a frame with a transparent cover. The public notice shall include the name, address, and phone number where inspection results can be requested. Upon receipt of a request, the owner or manager shall make a copy of the inspection results available within 5 (five) business days.

(e) Corrective Actions. When an inspection identifies any unsanitary condition, the owner, agent or other person in control of a building shall take the necessary steps to immediately correct the condition. If water sampling analysis of the water tank finds noncompliance with the bacteriological quality standards as provided in Subpart 5-1 of the State Sanitary Code, this condition shall be reported to the Department

within 24 hours. If it is found that the quality of such water is attributed to the sanitary condition of the water tank, the owner, agent or other person in control of a building shall clean the tank in accordance with section §141.09 of this Article. A water tank shall be cleaned whenever directed by the Department to correct an unsanitary condition.

**§141.09 Building Water Tank Cleaning, Painting and Coating**

(a) Applicability. The owner, agent, or other person in control of a building which has one or more water tanks as part of its drinking water supply system shall comply with the provisions of this section.

(b) Qualification. No person or entity shall engage or hold themselves out as engaging in the business of cleaning, painting or coating of a water tank of any kind that is part of a building's drinking water supply system without holding a valid permit issued by the Commissioner, unless:

(1) that person is a licensed master plumber, as defined in section 141.01, or

(2) that entity is a corporation or partnership in which one of the officers or partners has the qualifications required by subdivision (b)(1) above.

(c) Cleaning, Painting or Coating Requirements. Water tanks that are a part of a building's drinking water supply system shall be cleaned, painted and coated in accordance with the applicable provisions of the Administrative Code of the City of New York, the State Sanitary Code Part 5-1 and applicable industry standards and recommendations including, but not limited to, AWWA, NSF/ANSI, or other national standards developed by ANSI-accredited organizations. All products related to work performed shall be certified by ANSI-accredited organizations. No paint containing lead in any form or in any amount shall be used on the inside of a water tank. When a tank is cleaned, painted or coated, the water supply connections to and from the tank shall be disconnected or effectively plugged to prevent foreign matter from entering the distribution piping.

(d) Disinfection. All water, dirt, and foreign material accumulated during the cleaning and/or painting process shall be discharged from the tank. The tank shall then be disinfected in accordance with the applicable provisions of the Administrative Code of the City of New York and industry standards and recommendations including, but not limited to, AWWA, NSF/ANSI, or other national standards developed by ANSI-accredited organizations. All products related to work performed shall be certified by ANSI-accredited organizations. The drinking water supply tank shall be completely drained and flushed with potable water before refilling for use.

(e) Sampling. After painting or treating the interior of the tank, a water sample will be taken to ensure volatile organic compounds are not found at levels greater than that allowed by Subpart 5-1 of the State Sanitary Code. Sample results shall be reported by a State certified laboratory equipped to analyze drinking water, in accordance with the latest edition of the Standard Methods for the Examination of Water and Wastewater, published jointly by the APHA, the AWWA and the WEF.

(f) Record Keeping. A record of the date, address and work performed including a list of the cleaning, paints, coating and disinfection products used shall be maintained by the owner, agent or other person in