

## **Title 179 - NEBRASKA DEPARTMENT OF HEALTH**

### **Chapter 1 - RULES AND REGULATIONS GOVERNING FLUORIDATION OF WATER SUPPLIES**

**001 CERTIFICATION.** Before any municipality, district, political subdivision, corporation, company, person, or any other public or private entity shall add a fluoride compound to a water supply intended or maintained for human consumption for the purpose of the reduction of the incidence of dental decay or any other purpose, the officials or individuals in responsible charge shall have obtained in writing a certificate from the State Department of Health indicating their proficiency to do so pursuant to these rules and regulations.

**002 APPLICATION FOR CERTIFICATION.** The application for certificate shall be submitted in writing and shall:

002.01 Describe the chemical feeding equipment to be used.

002.02 Describe the controls and equipment that will be used to check the final dosage.

002.03 Describe the facilities for protection of operator handling of fluoride compounds.

002.04 Describe the installation details.

002.05 Give the name of the person or persons who will be responsible for carrying out the program.

002.06 Identify the fluoride compound or compounds to be used.

002.07 State the minimum and maximum limits of fluoride ion, parts per million, to be maintained in the water supply.

The application in the case of a municipality shall be signed by the Mayor, the Chairman of the governing body of the municipality, or an officer of a district, corporation, or company, and the superintendent of the water works. All other applications shall be signed by the person to be in responsible charge of the fluoridation system.

### **003 OPERATION**

003.01 The operation of the fluoridation program shall be such that the fluoride ion content of the water available to users, as prescribed by the State Department of Health, shall be in the range of 0.8 to 1.5 parts per million, the recommended optimal level being 1.0 to 1.3 parts per million. No fluoride compound need be added to the water supply if the fluoride ion content of the water available to users is already by nature at least 0.7 parts per million.

003.02 Records of all operations shall be kept, and a copy of each month's records sent to the State Department of Health at the close of each month. These records shall include:

003.02A Identification of the fluoride compound used, its purity and fluoride content.

003.02B Amount of water treated.

003.02C Amount of fluoride compound used.

003.03D Fluoride content of water from distribution system.

003.02E Any irregularities of operations.

Record sheets are available on request from the State Department of Health.

003.03 Samples representing water supplied to the water users shall be submitted to the Division of Laboratories of the State Department of Health or to another laboratory approved by the State Department of Health at least once each month for fluoride analysis. In the event the laboratory making analysis is other than the State Department of Health Laboratory, copies of the results of all such analyses shall be furnished the Department at the close of each month.

**004 REVOCATION OF CERTIFICATE.** The certificate may be revoked or suspended if evidence indicates the fluoridation program is not complying with the procedures outlined in sections 001 to 003.