

## **WATER TREATMENT PLANT OPERATOR TRAINEE**

This is a trainee position in the competitive class for which candidates are selected on the basis of general intelligence, basic knowledge of elementary chemistry and general science and mechanical aptitude. Term of appointment is limited to one year, during which time employees should be required to satisfactorily complete the training and experience requirements of the New York State Sanitary Code for a certificate appropriate to the plant.

**GENERAL STATEMENT OF DUTIES:** Undergoes On-the-job training to become qualified as operator of a water treatment plant; assists in the operation and maintenance of a water treatment plant; does related work as required.

**DISTINGUISHING FEATURES OF THE CLASS:** This is a trainee position involving responsibility for learning the duties and routines in the operation and maintenance of a water treatment plant. The work is performed under the immediate supervision of a qualified operator.

### **EXAMPLES OF WORK: (Illustrative Only)**

- Performs study and reading assignments, observes demonstrations and other wise learns the techniques of operation and maintenance of a water treatment plant;
- Learns and assists in the operation and adjustments of pumps, valves, and related mechanical equipment;
- Learns and assists in the inspection, maintenance, and repair of pumps, valves, and related mechanical equipment;
- Learns and assists in the making of physical test of water for color, odor and taste;
- Learns and assists in the making of chemical test for water alkalinity and residual chlorine;
- Learns and assists in regulating and adjusting chlorinators and other chemical feeders, washing filters and settling basins;
- Learns and assists in the preparation and maintenance of activity records and reports;
- Performs increasingly responsible duties as assigned in the operation and maintenance of a water treatment plant;

**REQUIRED KNOWLEDGES, SKILLS AND ABILITIES:** Familiarity with elementary principles of chemistry and general science; good general intelligence; good observation; mechanical aptitude; ability to learn principles and procedures relating to operation and maintenance of a water treatment plant; ability to develop skill in the operation and maintenance of pumps, valves and related mechanical equipment; ability to get along well with others; ability to understand and follow oral and written instructions; industry and dependability; tact and courtesy; good physical condition.

**ACCEPTABLE EXPERIENCE AND TRAINING:** Graduation from high school or possession of a New York State high school equivalency diploma.