

Title: Water Plant Operator II
PG: 38
Status: Civil Service
Position Reports to: Water Plant Operations Supervisor
Department: Water Utilities

Class Code: 7088
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is skilled work at the journey level in the operation and maintenance of a municipal potable water treatment plant and other water supply facilities. Employee in this classification may be responsible for safe and efficient plant operation on any assigned shift. May also exercise supervision over one or more assistants. Considerable independent judgment regarding processes, control and use of equipment is required. Operation requires 24-hour coverage and may involve nights, weekends and holidays. Work is evaluated through direct observation, operating reports and plant performance. An employee in this position will interface with process control systems through the use of multiple computers.

ESSENTIAL FUNCTIONS:

1. Provides safe, aesthetically pleasing drinking water to system customers in strict accordance with Federal, State and local Health Department regulations.
2. Collects in-plant water samples and runs routine process control laboratory analysis.
3. Regulates chemical feed, treatment processes and equipment to maintain finished water quality, pressure and flows to certain prescribed conditions both through computer interface and manual backup equipment.
4. Assists in maintenance and repair of equipment and machinery.
5. Assists in conducting training programs as necessary.
6. Checks remote stations and perform general Operations & Maintenance at those stations.
7. Collects distribution water samples for Safe Drinking Water Act required analysis.
8. Assists with building and grounds maintenance.

ADDITIONAL RESPONSIBILITIES:

1. Responsible, when in charge of a shift, to see that all requirements of Chapter 62-550, 62-551, 62-552, 62-555, 62-560, F.A.C. is adhered to.
2. Responsible to maintain State Certification in accordance with Chapter 468, Florida Statutes, Sections: 540-552, and Chapter 61E12-41 F.A.C.
3. "Will be trained, assigned and shall be an active participant in the Department's Chlorine Emergency Response Team."
4. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Knowledge of the operation principles, practices and maintenance requirements of a water treatment plant and the mechanical, electrical, chemical and instrumentation equipment therein.
2. Knowledge of occupational hazards and safety precautions involved in water treatment plant operation.
3. Basic knowledge of computer operation of a water treatment plant process control, data entry and data acquisition system.
4. Ability to perform basic laboratory analysis of water.
5. Ability to perform routine mechanical and/or electrical maintenance.
6. Ability to understand, relay and carry out specific and detailed written and oral directions/instructions.
7. Ability to make independent decisions regarding plant operation, when necessary, and to instruct subordinates.

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8. Ability to prepare complete, detailed records or reports in accordance with regulatory statutes which will be of a technical nature in a clear and concise manner.
9. Ability to establish and maintain effective working relationship with supervisors, coworkers, other City employees and the general public.

WORKING ENVIRONMENT/CONDITIONS:

Requires medium work that involves, climbing stairs, walking or standing some of the time, exerting up to 50 pounds of force on a recurring basis, routine keyboard operations.

The job risks exposure to some significant environmental hazards, chemical, electrical, mechanical, heights, heat, bright/dim light, inside and outside environmental condition, noise levels.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of taste, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. High school diploma or its equivalent.
2. 4,160 hours of experience (including regular and overtime hours) in the initial operation of a potable water treatment plant.
3. An equivalent combination of education and experience that is determined to be directly related to the forgoing specific requirements may be substituted.

SPECIAL REQUIREMENTS:

1. Must possess and maintain a valid state of Florida driver's license.
2. Must maintain a valid telephone number.
3. Must possess and maintain a state of Florida Class "C" Water Treatment Plant Operator Certification.
4. State of Florida Class "B" Water Treatment Plant Operator Certification is required for the top two (2) merit steps (Steps 17 and 18).
5. Required to pass and maintain qualification for:
 - a. Respiratory Protection Physical
 - b. Pulmonary Function
 - c. Qualitative and Quantitative Fit Test(s), which requires "no facial hair which interferes."
6. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.