

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

Class Code: 7085
Date: 09/08

GENERAL DESCRIPTION OF CLASS

This is a technical journey level position involved in the maintenance and repair of machinery and equipment used in a modern water treatment plant. Work is under periodic supervision and some independent judgment is required. Evaluation is through direct observations and work results.

ESSENTIAL FUNCTIONS:

1. Performs periodic inspections of mechanical equipment, routine adjustments and repairs, notates and reports unusual conditions to supervisor.
2. Performs preventative maintenance functions in accordance with predetermined schedules.
3. Assists in more complex repairs.
4. Compiles data for plant reports and records.

ADDITIONAL RESPONSIBILITIES:

1. Oversees maintenance activities as they affect plant operations under the Federal Safe Drinking Water Act.
2. Will be trained, assigned and shall be an active participant in the Department's "Chlorine Emergency Response Team."
3. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Knowledge of operation and repairs to mechanical, electrical, electronic and computer components of a modern water treatment plant.
2. Knowledge of tools, methods, practices, and materials used in a variety of mechanical trades.
3. Ability to understand specific, detailed oral or written instructions.
4. Ability to carry out specific, detailed maintenance functions without direct supervision.
5. Ability and desire to attend or complete courses necessary to acquire competency and proficiency.
6. Ability to establish and maintain an effective working relationship with supervisors, co-workers, other City employees, and the general public.
7. Ability to safely operate metal cutting and welding equipment.

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, and routine keyboard operations.

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

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

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. High school diploma or its equivalent.
2. Two (2) years experience as Water Plant Mechanic I or Water Plant Operator I.
3. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

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SPECIAL REQUIREMENTS:

1. Must possess and maintain a valid state of Florida Class "A" Commercial driver's license.
2. Must maintain a valid home telephone number.
3. Possession of a state of Florida Class "C" Water Treatment Plant Operator Certification recommended but not necessary.
4. Required to pass and maintain qualifications for:
 - a. Respiratory protection physical
 - b. Pulmonary function
 - c. Qualitative and Quantitative Fit Test(s), which requires "no facial hair which interferes."
5. 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.