

Title: Water Plant Mechanic I
PG: 31
Status: Civil Service
Position Reports to: Water Plant Mechanical Supervisor
Department: Water Utilities

Class Code: 7084
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is entry level work in the operation, maintenance, and repair of machinery and equipment used in a modern water treatment plant. Work involves performing a variety of routine and semi-skilled tasks and assisting with major repairs while developing skill and competency. Work is inspected in progress or upon completion by a supervisor and judged through observation and quality of results.

ESSENTIAL FUNCTIONS:

1. Makes periodic inspections and report unusual conditions to a supervisor.
2. Performs preventative maintenance functions in accordance with predetermined programs or instructions.
3. Makes routine repairs or assists in the more complex repairs to pumps, motors, piping, valves, air compressors, chemical feed equipment, clarifiers, gear drives, and other associated mechanical equipment.
4. Compiles data for special studies and complete maintenance reports and records.
5. Performs general custodial or building maintenance duties.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Some knowledge of tools, methods, practices, and materials used in a variety of mechanical trades.
2. Knowledge of general mechanics and machine repair.
3. Ability to understand oral or written instructions and carry out routine duties without direct supervision.

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 (mechanical, electrical, chemical, heights and 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 taste, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. High school diploma or its equivalent.

SPECIAL REQUIREMENTS:

1. Must possess a valid state of Florida driver's license.
2. Must maintain a valid home telephone number.
3. 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.