

City of Dallas
Classification Specification

Title:	Apprentice Water Plant Operator	Class Code:	70036
Application:	Career Series	Pay Grade:	C
Supplemental/Code:	Skilled Craft Workers/5	Established:	10/01/94
FLSA Status:	Non- Exempt	Revised:	01/01/2008

Position Purpose:

Performs as an apprentice operator at a large water purification plant, wastewater treatment plant or pumping stations to provide an adequate supply and quality of water to citizens and customer cities.

Essential Functions:

Assists operators as an apprentice in the operation of a water purification plant, wastewater treatment plant or a system of pumping stations to ensure continuous water service, which meets established guidelines.

2. Makes adjustments to water treatment machinery, chemical levels, computerized pumping stations, and other related equipment to ensure a constant water supply, quality of water, and/or effectively treated effluent.
3. Reads gauges and instruments, gathers samples, and conducts tests to ensure proper functioning of equipment and emergency response in case of failure.
4. Inspects equipment, checks for safety hazards, unusual conditions and possible malfunctions to ensure continuous operation of equipment and reduce maintenance repairs.
5. Maintains routine paperwork to ensure proper documentation of flows, volumes, performance graphs, and operational adjustments as required by regulatory agencies.
6. Performs assigned clean up duties and minor preventive maintenance to maintain the facilities in a safe and effective condition.
7. Regular, reliable and punctual attendance is an essential function of the job.

Knowledge, Skills and Abilities Required to Perform Work

Knowledge of Texas Commission on Environmental Quality (TCEQ) limits for chemicals and turbidity.

Basic knowledge of chemistry.

Basic knowledge of mechanical principles of water pumps, valves, large electric motors and related switch gear.

Ability to use hand tools.

Ability to communicate orally and in writing.

Ability to perform mathematical calculations.

Ability to establish and maintain an effective working relationship with all levels of management, city officials, vendors, other government agencies, other employees and the general public.

Must have Class C Texas Drivers License.

Must be able to obtain Class D Water License

Working Conditions and Hazards

Works outside. Exposed to inclement weather.

Works day or night shifts, holidays, and weekends.

May be subject to injury from moving machinery.

Exposed to bacteria in water and hazardous chemicals.

Requires daily (?) lifting, carrying, pulling, pushing, and walking, (etc define).

The above statements are intended to describe the general nature and level of work performed by personnel assigned to this classification is not necessarily and exhaustive list of all responsibilities, duties and skills required.