

## WATER PLANT OPERATOR I

### **NATURE OF WORK IN THIS CLASS**

Performs semi-skilled work in the operation, maintenance and repair of water treatment plant equipment.

**ILLUSTRATIVE EXAMPLES OF WORK** *(These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)*

Inspects and observes the operation of equipment at the water stations; checks the operation of pumps, water level indicators, pressure gauges, automatic and remote control devices, chemical feeders and other auxiliary equipment; makes minor adjustments to equipment as necessary and reports any unusual occurrences or malfunctioning; climbs water storage tanks to make repairs or adjustments.

Assists in performing maintenance or repair work to water plant equipment and structures; records readings from meters and gauges; mixes and applies chemical agents into the water system; adjusts chemical feed mechanisms to assure acceptable quality of water; and collects water samples and assists in making test analysis.

Reads and works directly from manuals, sketches and blueprints.

Applies safe work practices on the job.

Performs related duties as required.

### **MINIMUM KNOWLEDGE, ABILITIES AND SKILLS**

Knowledge of the standard principles, methods, practices, techniques, tools and equipment used in the operation, maintenance and repair of water treatment plants.

Knowledge of water, treatment processes, including filtration, chlorination and fluoridation.

Ability to read and work directly from manuals, sketches and blueprints.

Ability to read recording instrument and gauges and adjust controls and valves.

Ability to operate and maintain pumping equipment.

Ability to operate chemical feeders and equipment to introduce chemicals to the raw water to produce potable water.

Ability to apply safe practices on the job.

Ability to work effectively with the public and employees.

**MINIMUM KNOWLEDGE, ABILITIES AND SKILLS (Con't)**

Ability to understand and follow oral and written instructions.

Ability to communicate effectively.

Semi-skilled in the operation of water treatment plant equipment.

**MINIMUM EXPERIENCE AND TRAINING**

- A. Two (2) years of experience in the operation, maintenance and repair of water treatment plant equipment; or
- B. Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

**NECESSARY SPECIAL QUALIFICATIONS**

Possession of a valid Water Treatment Plant Operator's Certificate.

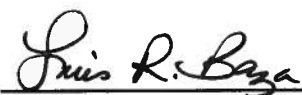
**ESTABLISHED:                JULY 1980**

**AMENDED:                    JANUARY 2002**

**PAY GRADE:                 H**

<b>HAY EVALUATION:</b>	<b>KNOW HOW:</b>	<b>CI1</b>	<b>115</b>
	<b>PROBLEM SOLVING:</b>	<b>C2 (19%)</b>	<b>22</b>
	<b>ACCOUNTABILITY:</b>	<b>B1C</b>	<b><u>29</u></b>
			<b>166</b>

This standard revises and supercedes the standard established JULY 1980 and amended SEPTEMBER 1993.



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**LUIS R. BAZA**  
Executive Director  
Civil Service Commission