

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

WATER SYSTEMS TECHNICIAN I

DEFINITION:

Under immediate supervision and continual instruction, in a field and/or plant setting, to learn and perform a variety of increasingly responsible tasks associated with constructing, repairing, maintaining and installing various components of the water storage, transmission, filtration and distribution systems.

DISTINGUISHING CHARACTERISTICS:

This is the entry level class in the Water Systems Technician series. Positions at this level may be underfilled with Laborer in accordance with the City's Career Advancement Program.

* EXAMPLES OF DUTIES:

As part of a formal rotation and cross training program, performs a variety of the following duties:

- In a training capacity, in a field and/or plant setting, learns to recognize the components of and begins to assist in the performance of a variety of construction, repair and maintenance duties on the water storage, transmission, filtration and distribution systems, including the following:
- Valve and hydrant installation, repair and maintenance;
- Pump installation, repair and maintenance;
- Storage tank and standpipe repair and maintenance;
- Residential, commercial and industrial meter installation, repair and maintenance;
- Backflow prevention device testing, installation, repair and maintenance;
- Water main, transmission line and service pipe installation, repair and maintenance;
- Operate pick-up, crew truck, dump truck, crew van or other vehicles requiring a Class C or B license;
- Assist skilled Cement Finishers with cement finishing;
- Assist with hot patch and asphalt replacement and repair;
- Place barricades around work in progress to prevent accidents and pick up barricades after work has been completed;
- Assist in removing concrete, roadways and sidewalks by the use of various types of hand tools and other equipment, including pneumatic tools such as jackhammers etc, to install various water systems facilities;
- Perform various routine, semi-skilled construction and maintenance tasks at a variety of water facilities;
- Perform related tasks.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Six months full-time manual labor experience, such as general construction, repair or maintenance, grounds keeping, custodial maintenance or the operation, maintenance or repair of mechanical equipment OR six months full-time experience as a Laborer with the City of San Diego. A State of California Water Distribution Operator certificate is required. A California Class B Drivers License is required.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.