

EQUIPMENT OPERATOR-WATER MAINTENANCEDEFINITION

Under general supervision, performs skilled work in the operation of various types of heavy equipment in the Water Resources Division and functions as part of a crew, which constructs, repairs and maintains city sewers, water lines, and other water related projects.

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Installs and maintains water mains, service lines, fire hydrants, water meters, gate valves and related appurtenances; lays ductile iron, PVC, copper and galvanized pipe, preparing the appropriate types of cement, solder, rubber, threaded, or slip joints or connections; lays concrete blocks and finishes concrete in the construction of meter vaults; operates a variety of tapping machines; lays sewer pipe and installs manholes; cleans sewer lines and storm drains, including the operation of special mobile hydraulic sewer cleaning equipment; operates construction and maintenance equipment including backhoes, cranes, trenchers, trucks, hydro hammers and smaller equipment and tools such as air compressors, paving breakers, power saws, pipe lathes and pipe cutters; services and makes minor adjustments to this equipment; keeps and prepares required records and reports. May serve as lead person of a small crew performing these and related tasks. Must lift and carry up to 90 lbs. Performs other functions as assigned.

DISTINGUISHING FEATURES OF THE CLASS

This is the journey-level equipment operator classification in the Water Maintenance series. Competencies required for this skilled classification are usually attained through work experience at lower-level positions within the same division. The incumbent often serves as lead person for a small crew. Work assignments are made by a crew leader or supervisor, who also inspects work in progress and upon completion. Incumbents in this classification are supervised by a Water Maintenance Supervisor and may work in crews directed by a Water Maintenance Crew Leader.

RECOMMENDED MINIMUM QUALIFICATIONS

Completion of the probationary work test period as a Maintenance Worker II or Water Maintenance Worker II in the Public Works Agency of the City of Santa Ana and two years of experience at the semi-skilled level in the installation, maintenance and repair of water distribution or sewer facilities and mechanisms, including some experience in the operation of backhoes, skiploaders, trenchers or similar construction equipment.

DESIRABLE KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of: methods, materials, tools and equipment used in the installation, maintenance, and repair of water distribution and sewer facilities and mechanisms.

Ability to: lead a small crew of workers; troubleshoot for faulty meters, locate leaks and adjust, repair, or remedy such defects or malfunctions; understand and follow oral and written instructions quickly and accurately; establish and maintain effective working relationships with coworkers and the public; perform hard physical labor; lift and carry up to 90 lbs.

Skill in: the effective and safe operation of the equipment involved in the installation, maintenance and repair of water distribution and sewer facilities and mechanisms.

SPECIAL REQUIREMENTS:

Must possess and retain a valid California Class B driver's license and a valid California State Department of Health Water Distribution Certificate (WDC) – Grade II as a condition of employment. Must obtain a valid Tankers Endorsement License prior to completion of the probationary work test period, and retain as a condition of continued employment in this classification.

SPECIAL WORKING CONDITIONS:

Willingness and ability to work irregular hours, including evenings, weekends, and holidays as needed. Mandatory stand-by duty required. Willingness and ability to work outside in a variety of weather conditions.

CHARACTERISTICS OF SUCCESSFUL PERFORMERS

Successful performers are reliable and punctual crewmembers. These safety conscious self starters are skillful in operating and taking care of equipment, and are capable of performing physically demanding work. Employees in this class are highly motivated team players, with strong communication and interpersonal skills, and are able to work effectively independently or as part of a crew. Successful performers demonstrate a willingness to constantly look for improvement in product delivery.

Class title of Maintenance and Construction Man established per Resolution 58-281, effective 11-1-58.

Class title changed to Equipment Operator – Water Maintenance per Resolution No. 82-110, effective 7-1-82.

Class Specification Revised: 3/03

Reviewed: 04/07

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