



MARIN MUNICIPAL WATER DISTRICT

METER READER AND REPAIR WORKER I

DEFINITION

Under supervision, accurately reads and records readings of water meters; investigates and resolves meter maintenance and service problems. Makes repairs, replaces and tests several styles of water meters 1" in size and smaller, in the field and shop situations; performs related work as required.

DISTINGUISHING CHARACTERISTICS

This is an entry-level training classification. Incumbents are assigned and will receive on- the-job training in a wide variety of duties under close supervision involving reading and basic repair of several styles of smaller water meters. The duties of the classification are divided between field and shop activities. In addition, incumbents may be assigned the more skilled work for training purposes. Employees in this classification may advance to the next level of the job series by demonstrating competency and proficiency in the core duties and tasks.

EXAMPLES OF DUTIES

- Accurately read several styles of water meters on assigned routes according to predetermined schedules using various methods; manual (pulling meter box lid and reading from the meter display), electronic hand held device or other new and emerging technology;
- Compares current reading with prior readings to determine accuracy and appropriateness of reading; e.g. high consumption, zero consumption, potential misread;
- Determines if there is readily apparent cause, and reports the reason for unusual conditions where consumption seems out of line with seasonal demand and rate of previous consumption.
- Repair, replace, and test several styles of water meters 1" in size and smaller, in field and shop situations, to include new and emerging technology;
- Clean, set and replace meter boxes and lids;
- Assists and learns District procedures when investigating and reviewing with consumers a variety of water service problems;
- May assist in the repair, replacement, and testing of several styles of meters 1-1/2" in size and larger, to include new and emerging technology;
- Perform flow and pressure tests as needed on consumer services;
- Interpret and read maps, drawings, and sketches to locate services utilizing manual and electronic methods;
- Maintain daily records of work performed, time, materials and equipment (manually and electronically);
- May operate water system valves and hydrants as required;
- Be knowledgeable of the District's water system and how to operate water system valves and hydrants as required;
- Reports hazardous field conditions;

- Verifies and reports service information corrections and may update records as needed;
- Uses a computer or other electronic device to input and retrieve data;
- Follows applicable safety rules and regulations;
- Performs other related duties and responsibilities as required.

QUALIFICATIONS FOR EMPLOYMENT

Knowledge of:

- Basic mathematics, including fractions and decimal places;
- Basic repairs to plumbing, and hand tools used in the repair and maintenance of pipes and water lines;
- Methods used in pipe and water facility installation and repairs;
- Methods of routine recordkeeping;
- Relevant safety precautions and procedures.

Ability to:

- Record and enter numbers accurately and quickly on a repetitive basis;
- Learn to analyze meter service problems and make necessary repairs;
- Learn to perform meter maintenance functions such as riser installation, meter insulation, and box cleanout or replacement;
- Use tools and equipment necessary to maintain and repair various types of water meters;
- Make arithmetic computations;
- Read and interpret street maps (manual and electronic);
- Maintain records (manual and electronic);
- Understand and carry out written and oral instructions;
- Perform extensive walking, climbing, bending and stooping in all weather conditions;
- Write legibly and accurately;
- Use portable or desk top computers and other electronic office and field equipment;
- Deal effectively with those contacted in the course of work.

Training and Experience:

- Completion of the twelfth grade or its equivalent; and
- Some demonstrated experience necessary to be successful in mechanical repair and/or plumbing,
- Demonstrated ability to read and record numbers accurately and quickly.
- Demonstrated ability to use tools and electronic equipment, including computers, both in office and field in the course of duty.

OTHER REQUIREMENTS

- Per California Government Code, Title 1, Division 4, Chapter 8, Section 3100 “all public employees are hereby declared to be disaster service workers subject to such disaster service activities as may be assigned to them by their superiors or by law.” (Ref: California Government Code, Title 1, Division 4, Chapter 8, Sections 3100 – 3109);
- Possession of an appropriate California driver's license issued by the State Department of Motor Vehicles and a satisfactory driving record;
- Willingness to wear prescribed uniform; and
- Work overtime as required.

PHYSICAL DEMANDS AND WORKING CONDITIONS

During the course of performing job duties, the employee will perform heavy physical work and will need the mobility to operate equipment, which may include office and/or field equipment, or specialized instruments or tools requiring repetitive arm/hand movement and/or the coordinated movement of more than one limb simultaneously; enter and retrieve data from personal

computers and terminals via keyboards. The employee frequently stands, walks, bends at neck and waists, twists at neck and waist, uses simple and power grasping with both hands, uses fine manipulation of both hands and fingers, and may require use of the arms above the shoulder, climb or balance; stoop, kneel or crouch. While working in the field the employee may walk on uneven or un-level ground surfaces such as hills, slopes, ditches or trenches, on or in tanks, and may work at heights up to ten to twelve feet climbing ladders or stairs. The employee is frequently required to lift and carry short distances objects such as materials or equipment weighing up to 10 to 50 pounds and occasionally lift 50 to 75 pounds. This position requires that the employee demonstrate adequate hearing to detect warning alarms and speech to converse in person and over the telephone or radio, and vision to read printed materials and detect color coded materials, and use a computer screen.

The noise level in the work environment is moderate to loud noise. The employee is exposed to moving vehicles and other moving equipment and machinery, excessive noise, extremes in temperature, humidity, wetness and dust. The position may require the ability to work overtime and weekends as needed. In order to drive, individuals must be physically capable of operating the vehicles and equipment safely.

To be successful in this job, an individual must be able to satisfactorily perform each of the listed duties. These duties are representative of the knowledge, skill and/or ability required for the position. Reasonable accommodations may be made to enable individuals with disabilities to perform the duties and functions of the position. Requests for reasonable accommodation should be directed to the Human Resources Manager.

Established: January 2007
Revised: March 2019
Approved by: Human Resources Manager