

PIPEWORKER ASSISTANT

*This class description is only intended to present a summary of the range of duties and responsibilities associated with the positions. Descriptions **may not include all** duties performed by individuals within the class. In addition, descriptions outline the minimum qualifications necessary for entry into the class and do not necessarily convey the qualifications of incumbents within the position.*

DEFINITION

Under close supervision and continuous training, performs semi-skilled and skilled work in the construction, maintenance and repair of water system facilities and do related work as required.

DISTINGUISHING CHARACTERISTICS

The **Pipe worker Assistant** is an entry-level position within the Pipe worker class responsible for performing a full array of duties in the installation and maintenance of the District's water and wastewater systems. This class works closely with the Pipeman installing and repairing of pipelines, valves, fittings, assists in installing and the repairs of water services, tapping mains, hydrants, does shoring and backfilling of trenches and other related skilled work.

SUPERVISION RECEIVED

Receives direct supervision from the Pipeline Foreman or Maintenance Foreman and general supervision from the Construction Superintendent. The **Pipe worker Assistant** may be assigned as acting Pipe worker in his/her absence.

ESSENTIAL DUTIES (include but are not limited to the following)

Performs a full array of semiskilled-level pipe maintenance duties including installing and repairing water lines services and fire services; conducts inspections and repairs of pipelines, valves, hydrants, service lines and meters; implement traffic controls at work sites; applies protective coatings to pipes; responds to emergency calls for service involving the location and repair of leaks in pipelines, valves, hydrants, meters and other facilities; chlorinates and pressure tests pipelines; performs taps on live pipe lines of all sizes; measures, cuts, threads, fits and installs pipe of all sizes; operates assigned vehicles and equipment including a forklift, front-end loader, dump truck, concrete saw and a variety of air and power tools; operates District equipment including motor vehicles requiring a Class A license.

OTHER DUTIES

Cuts asphalt, operates jackhammers, tampers, compressors, trucks and other related equipment; assists in building forms, pouring concrete, backfilling trenches, does temporary paving, acts as flagman; assists in locating and marking underground pipeline facilities from maps; cleans and flushes mains for water quality; and other miscellaneous work needs.

QUALIFICATIONS (The following minimum qualifications are necessary for entry into the class)

Education/Experience

Sufficient experience and education to successfully perform the duties of a **Pipe worker Assistant**. A typical way of obtaining the required qualifications is to possess the equivalent of four years of experience maintaining, repairing and installing water/wastewater pipelines or the performance of related work and possession of a high school diploma or its equivalent.

Knowledge/Skill/Ability

Knowledge of: uses and purposes of general construction equipment and tools; techniques and procedures for installing pipelines and appurtenances, occupational hazards and standard safety practices and traffic control; operational characteristics of a pipeline maintenance program; repair and preventive maintenance techniques and procedures; principles and practices of welding; basic methods and techniques of backflow prevention and cross-connection control; pertinent Federal, State and local laws, codes and regulations; and applicable Occupational Safety and Health Association (OSHA) regulations; Underground Service Alert (USA) best practices and regulations; basic computer skills for organizing work and maintaining work orders (MS Outlook and Excel, MaintScape).

Skill and Ability to: perform installation, maintenance and repair work related to pipelines; learn to identify problems in backflow prevention devices and implement the appropriate actions; work in confined spaces; operate heavy equipment and tools; respond to questions and inquiries from the public in a courteous, effective and appropriate manner; work independently in the absence of direct supervision; read and interpret blue prints and schematics; work overtime, weekends, holidays as required and remain available in the event of an emergency; maintain effective working relationships with those contacted in the course of work.

License/Certificate

Possession of a valid California Class A driver's license and a satisfactory driving record.

Possession of a California State Water Resources Control Board Grade D1 Water Distribution Operator Certificate.

WORKING CONDITIONS/PHYSICAL REQUIREMENTS

The work requires exposure to conditions that may be hazardous or unpleasant. Position requires working in the field out of doors in all weather conditions with exposure to dust, noise and heavy mechanical equipment. Involves walking on level and uneven or slippery surfaces, climbing ladders, working in confined spaces and trenches, handling noise-producing tools and equipment; sitting, standing, walking, kneeling, squatting, stooping, turning, bending, lifting, reaching, upper body twisting in the performance of daily activities. The use of the senses of smell and hearing are needed in detecting odors and mechanical equipment conditions. Requires both near and far vision while making visual checks of facilities and working on equipment. Requires operating at heights, light and heavy lifting, pushing and dragging of equipment and supplies in excess of 100 pounds. Employees may be exposed to raw and treated sewage, chemicals, sharp and dull objects, domestic and wild animals, and in general may come in contact with a variety of potentially dangerous working situations that require a combination of good judgment, field knowledge of potential problems, problem identification and solutions. May be exposed to electrical and mechanical hazards and a variety of hazardous chemicals or contaminants. Incumbents also work around moving equipment and moving traffic.

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."

Approved	DM
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