

**CITY OF HUNTINGTON BEACH**  
**CLASS SPECIFICATION**



**TITLE: WATER EQUIPMENT OPERATOR**

<b>PERSONNEL COMMISSION APPROVAL:</b>	<b>MARCH 20, 2019 <i>REVISED</i></b>
<b>COUNCIL APPROVAL:</b>	<b>APRIL 2, 2007</b>
<b>JOB CODE:</b>	<b>0364</b>
<b>EMPLOYMENT STATUS:</b>	<b>REGULAR FULL-TIME</b>
<b>UNIT REPRESENTATION:</b>	<b>MEA</b>
<b>FLSA STATUS:</b>	<b>NON-EXEMPT</b>

**JOB SUMMARY**

Under general supervision, operates a variety of maintenance vehicles and equipment to install, repair and maintain the city's water transmission and distribution systems.

**SUPERVISION RECEIVED**

Reports to: Water Distribution Supervisor

**DISTINGUISHING CHARACTERISTICS**

Water Equipment Operator differs from Water Service Worker in that the Water Equipment Operator has primary responsibility for operating heavy-duty vehicles and equipment in the maintenance and repair of water distribution projects while the Water Service Worker serves as a member of the crew performing maintenance and repair of water distribution projects.

**EXAMPLES OF ESSENTIAL DUTIES**

- Operates various light to heavy equipment, including but not limited to backhoes, loaders, boom trucks, water trucks, dump trucks, forklifts and cranes
- Excavates for water main installation, service lines, and other excavations as assigned and ensures all underground utilities are located before excavating
- Digs trenches and lays heavy pipes, valves and fittings
- Uses hydraulic breakers and stompers to remove concrete and asphalt and compact trenches
- Uses various pneumatic tools during excavation and backfilling operations
- Participates in various water distribution operation and preventative maintenance projects and programs including but not limited to water valve exercise and rehabilitation, water service line, meter, and box replacement, fire hydrant maintenance and rehabilitation, water

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- system flushing, and air release valve maintenance rehabilitation
- Assembles and prepares equipment and tools necessary to complete assignments
  - Places safety barricades, delineators, and cones to designate job sites and direct traffic; performs traffic control in accordance with applicable work zone safety standards
  - Preps work site for excavation and shoring installation
  - Performs pre-trip inspections; monitors and reports on the status of vehicle repairs and safety-related issues; oversees the cleaning of vehicles
  - Assists with setting up work sites and ensuring proper traffic and safety procedures have been followed
  - Responds to emergency calls for service on a call-out basis; works various hours, including nights and weekends as deemed necessary by manager/supervisor to meet deadlines and conform with changing priorities
  - Observes standard operating procedures and safety practices
  - Reports to work as scheduled; maintains a regular and consistent attendance record
  - Attends training; supports and actively promotes the City's safety programs; assists with periodic safety inspections; identifies and corrects safety hazards
  - Performs other related duties as assigned

*The preceding duties have been provided as examples of the essential types of work performed by positions within this job classification. The City, at its discretion, may add, modify, change or rescind work assignments as needed.*

**MINIMUM QUALIFICATIONS**

*Any combination of education, training, and experience that would likely provide the knowledge, skills, and abilities to successfully perform in the position is qualifying. A typical combination includes:*

**Knowledge of:**

- State and federal water distribution regulations
- Water distribution systems maintenance and repair
- Principles and practices of heavy construction and excavation techniques
- Operation of vehicles, machinery, equipment and tools necessary for the maintenance of water systems
- Trenching, shoring, and confined space regulations
- California Department of Public Health (CDPH) potable water requirements, policies and procedures
- National Pollution Discharge Elimination System (NPDES) best management practices
- Underground Service Alert requirements and procedures
- Traffic safety laws and regulations and proper vehicle operations

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- Occupational hazards and safety precautions applicable to operation of various types of heavy equipment

**Ability to:**

- Perform journey-level work in the repair and installation of water system components
- Safely and properly operate vehicles and heavy equipment
- Use hand, power and pneumatic tools
- Read and understand construction plans
- Follow safety practices and recognize hazards
- Read and follow work orders and instructions
- Carry out work assignments as instructed
- Maintain accurate and complete records
- Communicate effectively orally and in writing
- Establish and maintain cooperative work relationships with those contacted in the course of work
- Travel to offsite locations within a reasonable timeframe
- Use personal computers and office software, including word processing and spreadsheet applications

**Education:** High school diploma or equivalent.

**Experience:** Two (2) years' experience constructing, repairing, and maintaining various components of water distribution, storage, treatment, or related systems.

**Certifications/License:** A valid California Class A driver license and an acceptable driving record at the time of appointment and throughout employment

Grade 2 Water Distribution Operator Certificate issued by the California State Water Resources Control Board required

**SPECIAL CONDITIONS**

Positions in this classification are deemed safety sensitive under Department of Transportation (DOT) and Federal Motor Carrier Safety Administration (FMCSA) regulations and subject to drug and alcohol testing.

Employees regularly assigned/required to drive a City or personal vehicle in the course and scope of work shall be required to participate in the DMV Employer Pull Notice program.

**Public Employee Disaster Service Worker:** In accordance with Government Code Section

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3100, all Huntington Beach city employees are required to perform assigned disaster service worker duties in the event of an emergency or a disaster.

**PHYSICAL TASKS AND ENVIRONMENTAL CONDITIONS**

Incumbents must be able to meet the physical requirements of the class and have mobility, balance, coordination, vision, hearing and dexterity levels appropriate to the duties to be performed.

Work is primarily performed outdoors (field work) with exposure to the weather and may also include contact with hot and cold surfaces, loud noises from equipment and vehicle engines, vibrations, working in close proximity to moving mechanical parts (mechanical hazards), electrical current (electrical hazards), vehicular traffic and confined spaces. Exposure to exhaust from equipment and vehicles; potential natural irritants such as vegetation, dust, soil, tree pollens, and sawdust. May be exposed to chemicals including but not limited to, gasoline, diesel, motor oil, grease, ammonia, bleach, cleansers, volatile organic compounds, fertilizers and non-restricted pesticides. Must be able to stand for long periods and/or walk long distances; some walking may occur on sloping, slippery and/or uneven surfaces; requires mobility to sit, stand, kneel, crawl, climb, crouch, stoop, reach, and bend; requires ability to twist at the lower body, at the waist, and at the upper body. Requires mobility of both arms to reach and dexterity of hands to grasp and manipulate small and large objects or tools, from overhead to the ground positions. Work involves grasping, lifting, pushing, pulling, moving and dragging of objects which may weigh approximately 50 pounds and up to 100 pounds with the use of proper equipment or assistance. Requires hand, arm, and upper body strength to operate power equipment. Required to wear protective apparel including hardhats, gloves, goggles, respirators, face protectors, ear protection, aprons, coveralls, chain saw chaps, and steel-toed shoes. Required to work at heights above ground level or in confined spaces. Incumbent may be required to respond to after-hours emergencies.

Reasonable accommodation(s) for an individual with a qualified disability will be considered on a case-by-case basis.

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