

**CITY OF ARCADIA**  
**EQUIPMENT OPERATOR**

**DEFINITION**

Under direction, to operate a full range of heavy and light equipment in repairing and maintaining City streets and rights-of-way and water and sewer systems; and to participate in a variety of skilled and semi-skilled maintenance and repair work involved in the maintenance and repair of streets and City-owned utilities, rights-of-way and properties.

**SUPERVISION EXERCISED**

May exercise technical and functional supervision over lower level staff.

**EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES**

Operate a variety of light and heavy duty construction equipment including pick up truck, street sweeper, dump truck, sewer cleaning equipment back hoe, crane truck, skip loader, front end loader, heavy and light tapping machines, jack hammer, portable and bench-mounted power tools, concrete saw, pipe locating equipment, leak locating equipment, cement mixer, valve truck, and threading machine taps and dies.

Perform maintenance and repair work on streets, sidewalks, and water distribution system; remove damaged paving; compact, fill, repave, and repair paved surfaces with asphalt, concrete, brick, and interlocking pavers; make periodic inspections and perform maintenance on structures and equipment.

Remove weeds and trim other plant growth, including trees, along streets, sidewalks, and rights-of-way to ensure access, draining, and vehicle sight distance requirements; remove debris from gutters, drop inlets, culverts, and manholes; maintain storm drain system.

Facilitate contact with USA Dig Alert to assure advance notification and safety verification of each job site.

Perform flagging or other traffic control in maintenance projects and in emergency situations.

Install and modify meter boxes and lids.

Install, modify, and repair pumping plant and well piping and appurtenances.

Install, modify, and repair water supply piping, valves, and appurtenances.

Construct, maintain, and repair concrete block, concrete, or wooden structures.

### **EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES**

Clean and paint buildings, reservoirs, and other structures.

Install, maintain, and repair fences and gates.

### **OTHER JOB RELATED DUTIES**

Perform related duties and responsibilities as assigned.

### **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

#### **Knowledge of:**

Methods and techniques of operating diesel and gasoline heavy and light equipment.

Operations, services and activities of a public works maintenance program.

Methods and techniques of public works construction, maintenance, and repair.

Operational characteristics of mechanical equipment and tools used in public works maintenance and water and sewer system maintenance.

Occupational hazards and standard safety practices.

Principles and procedures of record keeping.

Safe driving principles and practices.

#### **Skill to:**

Operate a variety of vehicular and stationary mechanical equipment in a safe and efficient manner including pick up truck, street sweeper, sewer cleaning equipment, dump truck, back hoe, crane truck, skip loader, heavy and light tapping machines, jack hammer, portable and bench-mounted power tools, concrete saw, pipe locating equipment, leak locating equipment, cement mixer, valve truck, and threading machine taps and dies.

Use and operate the full range of hand tools and power tools, in a safe and efficient manner.

Perform a variety of heavy manual labor for extended periods of time and in unfavorable weather conditions.

Operate a motor vehicle safely.

**Ability to:**

Make minor repairs and adjustments to equipment.

Perform the full range of skilled and semi-skilled maintenance, construction and repair work.

Work independently in the absence of supervision.

Perform preventive maintenance on mechanical equipment.

Apply good judgment and practical knowledge to resolve unusual or irregular problems in the area of work assigned.

Perform duties in a manner to maximize public safety in the area of work assigned.

Understand and follow oral and written instructions.

Communicate clearly and concisely, both orally and in writing.

Establish, maintain, and foster positive and harmonious working relationships with those contacted in the course of work.

Perform stand-by duty as part of a regular rotation.

**Minimum Qualifications:**

**Experience:**

Four years of experience in maintenance and construction work including two years of experience operating heavy equipment.

**Training:**

Equivalent to the completion of the twelfth grade supplemented by journey level training in equipment operation.

**License or Certificate:**

Possession of, or ability to obtain within one year, a valid Class “A” driver's license.

Possession of, or ability to obtain within one year, an appropriate public works Certificate from a community college or equivalent OR Water Distribution Operator Grade II Certificate issued by the State of California Department of Health Services

**Special Requirements:**

*Essential duties require the following physical abilities and work environment:*

Ability to sit, stand, walk, kneel, crouch, stoop, squat, crawl, twist, climb, and lift 100 lbs.; exposure to cold, heat, noise, outdoors, vibration, confining work space, chemicals, dust, explosive materials, mechanical hazards, and electrical hazards; ability to travel to different sites and locations; availability for on call, stand-by, and emergency call.

**Effective Date:** March 2006