

## **CLASS TITLE: WATER SUPPLY MECHANICAL MAINTENANCE WORKER**

**PURPOSE OF THE CLASSIFICATION:** Under general supervision performs a variety of semiskilled and skilled tasks including working as a member of a crew engaged in hazardous, heavy construction, and/or major repair activities involving City services or facilities, and other related assigned duties.

### **ESSENTIAL TASKS:**

- Performs maintenance and repair on raw water supply flowlines of up to 72" diameter
- Inspects and repairs Tiawah tunnel
- Performs semiskilled to skilled pipe fitting, welding, carpentry, electrical, plumbing, masonry, and painting required in the repair and maintenance of pump stations
- Installs, adjusts, maintains, and repairs waterlines, valves, and related appurtenances
- Constructs roads, bridges, and gates, fences, and pit lids on City-owned property and right-of-ways
- Mows/trims, repairs, and maintains City right-of-ways
- Performs preventative maintenance on equipment, including operation pre-check and services equipment with proper fluids and lubricants
- Performs minor field repair on disabled or broken equipment
- Operates and repairs various medium to heavy automotive equipment and various hand and power tools
- Leads work crew as needed
- Applies herbicides and pesticides

**Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.**

### **QUALIFICATIONS:**

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), and four (4) years of experience in construction or maintenance work, including the operation of specialized automotive equipment; or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities, and Skills: Considerable knowledge of manual work practices, methods, tools, and materials of varied semiskilled and skilled major repair and heavy construction work; good knowledge of the hazards and safety precautions of confined spaces; and good knowledge of the operation and maintenance requirements of heavy trucks and construction equipment. Ability to read and follow written instructions; ability to use hand and mechanical tools and equipment; ability to diagnose and provide useful reports on the condition of various types of mechanical equipment; ability to operate heavy trucks and construction equipment skillfully and safely; ability to work from blueprints and maintenance manuals and make time and material estimates; ability to perform manual labor under any type of weather conditions; and the ability to courteously and tactfully communicate with fellow workers, supervisors, other members of the organization, and the public in giving and receiving information. Skill in the use of hand and mechanical tools and equipment.

Physical Requirements: Physical requirements include frequent walking and standing; frequent lifting up to 10 pounds with occasional lifting up to 105 pounds; frequent carrying up to 10 pounds with occasional carrying up to 105 pounds; frequent pushing and pulling up to 20 pounds with occasional pushing and pulling up to 50 pounds; frequent reaching, balancing, bending, handling, climbing, and smelling; and occasional kneeling, crawling, feeling, and twisting; and vision, speech, and hearing sufficient to perform essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "A" Commercial Driver's License (CDL); possession of an appropriate Department of Environmental Quality (DEQ) Class "D" Water and/or Wastewater License; some positions within this classification require Oklahoma State Agriculture Department General Certificates and Government right-of-way pesticide/herbicide applicator permits.

**WORKING ENVIRONMENT:** Working environment is primarily outdoors and occasionally indoors, and in inclement weather. May be exposed to the following: hazardous materials, radiation, flammable liquids, traffic, cramped work areas, excessive dust, weather/temperature extremes, trench excavations, underground gas/electric/petroleum lines, rough terrains, cutting/chipping/grinding, hazardous/toxic atmospheres, sewage, damp/wet surfaces, snow/ice covered surfaces, snake bites, insect bites, poisonous plants, overhead power lines, confined spaces, compressed gases, high noises, and oily surfaces.

**Class Code: 7512**

**EEO Code: N-07**

**Pay Grade: LT-17**

**Group: Labor and Trades**

**Series: Equipment and Plant Management**

**Effective date: June 29, 2010**