



Job Description
Job Code: 243
Range 21

WATER SYSTEM OPERATOR I

DEFINITION: Under close to general supervision, monitors and maintains water production, treatment and pumping facilities and distribution systems. Ensures that all phases of operation meet Arizona Department of Environmental Quality (ADEQ) and Federal requirements to maintain and protect public safety, health, and property; and performs related duties as assigned.

CLASSIFICATION: This is a non-exempt, full-time, classified position with full benefits.

ESSENTIAL FUNCTIONS: Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills and other characteristics. This list is ILLUSTRATIVE ONLY, and is not a comprehensive listing of all functions and tasks performed by incumbents of this classification.

TASKS: Operates and maintains water production, storage and distribution facilities. Performs distribution system field marking of buried utilities (blue stakes); installs and reads water meters of varied types and sizes. Checks equipment for proper operation; makes repairs or arranges for repairs to be made. Maintains and repairs pumps, motors, valves, and other equipment. Analyzes data and recommends options for maintaining proper levels of service.

KNOWLEDGE, SKILLS, AND OTHER CHARACTERISTICS:

Knowledge of water treatment facility and distribution system operations.
Knowledge of the chemical and biological imbalances, which can occur in water treatment facilities.
Knowledge of the safety requirements for water treatment plant and distribution system operations.
Knowledge of the proper maintenance and repair of water equipment.
Knowledge of basic laboratory procedures.
Skill in developing and maintaining effective interpersonal relations.
Skill in reading and interpreting equipment manuals, blueprints and electrical diagrams.
Skill in analyzing data and drawing valid conclusions.
Skill in the proper use of water treatment plant laboratory equipment.
Skill in the detection and repair of water leaks.

PHYSICAL REQUIREMENTS: This classification involves work that requires the ability to traverse uneven terrain, climb ladders, perform repairs on equipment, lifting heavy objects up to 60 pounds, ability to wear a respirator and use public works equipment.

MINIMUM QUALIFICATIONS: Possession of a High School Diploma or GED and the possession or equivalent of a Grade I Certification in Water Treatment and Distribution as issued by the Arizona Department of Environmental Quality and one (1) year potable water treatment plant operations experience. Must possess an Arizona driver's license or able to obtain by the effective date of employment.

SPECIAL REQUIREMENTS: May be required to work overtime, holidays and weekends and be on-call 24 hours per day, per the departmental on-call policy. Must be able to respond to call out within twenty (20) minutes. Required to complete physical examination to ensure ability to perform work requirements. The possession of a Commercial Drivers License (CDL) and asbestos certification is desired.