

## AQUATICS MAINTENANCE WORKER II

### JOB DESCRIPTION

**Classification Responsibilities:** An Aquatics Maintenance Worker II performs a variety of semiskilled and skilled work in the operation, maintenance, and repair of the City's aquatics facilities and related equipment. Duties involve repairing large and small pumps, motors, and chemical feeders, and performing routine service, maintenance, and repair work on plumbing and electrical components related to aquatics facilities. Work also involves trades construction work (electrical, plumbing, painting, concrete, welding, etc.) related to the maintenance and repair of aquatics facilities. This class performs related duties as required.

**Distinguishing Features:** Some work is strenuous, and the employee must be physically fit for bending, stooping, stretching, lifting, and carrying heavy equipment and materials. The employee may be assigned to a seasonal shift which includes nights, weekends, and holidays, and is subject to week-long 24-hour stand-by shifts on a year-round rotation. Some work is performed under the hazardous conditions of toxic chemicals. Incumbents in this class are required to use a respirator when welding, painting, and working with pool chemicals. Work is supervised by an Aquatics Maintenance Leader, who reviews work through conferences, reports, and results achieved. This class is distinguished from the Aquatics Maintenance Worker I's by the skilled mechanical repair work performed by the Aquatics Maintenance Worker II's. This class is FLSA nonexempt.

### QUALIFICATIONS

**Employee Values:** All employees of the City of Mesa are expected to uphold and exhibit the City's shared employee values of Knowledge, Respect, and Integrity.

**Minimum Qualifications Required.** Any combination of training, education, and experience equivalent to graduation from high school or GED. Considerable (3 - 5 years) experience in the operation, maintenance, and repair of large commercial or public swimming pools and associated equipment.

**Special Requirements.** Must possess a valid Arizona Class C or higher Commercial Driver's License (CDL) with Hazardous Materials Endorsement (HME), or if no CDL then must pass the written test for an HME designation by hire or promotion. The skills demonstration portion of the Class C CDL test must be completed within 150 days of hire or promotion and will be administered by a City of Mesa Third Party Tester. Must meet the qualifications to wear a tight fitting respirator by passing a medical evaluation in accordance with Code of Federal Regulations (CFR) 1910.134 by hire or promotion date. Must obtain Scuba Certification and Certified Pool Operator (CPO) or Aquatic Facility Operator (AFO) certification within one year of hire or promotion. Must obtain Department of Homeland Security Chemical-terrorism Vulnerability Information (CVI ) Authorized User certification within one year of hire or promotion date. Must attend Confined Space training through the City of Mesa within one year of hire or promotion date. Must obtain Structural Pest Control Applicator's License through the Arizona Department of Agriculture's Pest Management Division in Categories 1, 3, 4, and 5 within one year of hire or promotion date. Must maintain certification and license requirements while assigned to this classification.

**Substance Abuse Testing.** This class is subject to Department of Transportation (DOT) Federal Motor Carrier Safety Administration (FMCSA) drug and alcohol testing as outlined in 49 CFR, Part 382.

**Preferred/Desirable Qualifications.** Experience taking water samples to test free chlorine, pH, total alkalinity, and calcium using various chemical solutions and test kits. Experience working with irrigation systems. University of Arizona Smartscape or other landscape management certification. Arizona Department of Agriculture Pesticide/Herbicide Applicator certification.

## **ESSENTIAL FUNCTIONS**

**Communication:** Communicates with coworkers and the general public to discuss work or respond to inquiries. Transmits information on portable radios regarding work assignments and acquisition of supplies. Documents work completed on daily log sheets and work orders, and explains supply needs. Maintains records of water sample test readings.

**Manual/Physical:** Takes water samples to test free chlorine, pH, total alkalinity, and calcium by using various chemical solutions and test kits. Dispenses chlorine, caustic soda, and muriatic acid to adjust water chemistry. Maintains revolving inventory of pool chemicals and supplies. Transports and changes containers of chlorine, caustic soda, and acid. Inspects swimming pool filtering systems, mechanical chemical feeding systems, chlorine gas equipment, and water pumps for proper operation. Cleans pumps, filter tanks, and chlorinators, and adjusts dispensing units for proper discharge. Repairs large and small pumps, motors, and chemical feeders. Performs routine service, maintenance, and repair work on plumbing and electrical components related to aquatics facilities. Vacuums, cleans, and backwashes municipal pools. Utilizing scuba gear, cleans algae and rust on pool floor, pulls lights and replaces light bulbs or entire assembly, and repairs floats and underwater plumbing in make-up tanks. Repairs showers in restrooms, broken toilet stools, partitions, and doors. Maintains water lines on drinking fountains. Paints, cleans, and performs routine repairs to facilities, including restrooms, deck areas, ladders, and diving boards. Repairs sections of concrete and pool deck material. Welds to make or repair parts. Transports lane lines, chairs, and tables to various pools for swim meets. Uses common hand tools to make repairs and replace filters and belts. Operates vehicles, equipment (forklift, hydraulic boom), and power driven machinery (electric hand drills, portable generators, submersible pumps, jackhammers, pool vacuums). Maintains tools and equipment. Performs general landscape maintenance around pool areas. Moves heavy objects (pool chemicals) weighing up to 750 pounds with the assistance of an aid. Works in cramped areas, and under the hazards associated with chlorine gas and climbing ladders. Works in a variety of weather conditions. Listens for radio communication, and detects malfunctioning equipment. Uses sense of smell to detect problems associated with hazardous chemicals. Operates a pickup truck (3/4-ton and/or one-ton) requiring a valid Arizona Class C CDL with Hazardous Material endorsement in order to haul hazardous materials. Works around or uses potentially hazardous materials (examples: chlorines, acids, vapors/fumes from pool chemicals and paints) requiring the use of specialized protective equipment. Meets scheduling and attendance requirements.

**Mental:** Learns safety regulations and practices safety precautions. Learns and performs assigned tasks quickly and correctly. Functionally supervises or acts in a lead capacity over part-time and temporary employees, as assigned. Evaluates condition of aquatic facilities, takes appropriate action to resolve problems (cleaning and repairing pool floors, and repairing decks). Tests and maintains proper water

chemistry (examples: use of various chemical solutions and test kits; dispense chlorine, caustic soda, and muriatic acid to adjust water chemistry; and removing, transporting, and installing chlorine tanks).

**Knowledge and Abilities:**

Knowledge of:

the functions of motors, pumps, filters, chemical feeders, chlorinators, and related aquatics equipment; pool water chemistry and the characteristics of various chemicals used to maintain proper and safe pool water conditions; occupational hazards and necessary safety precautions in handling hazardous chemicals; and commercial pool operation.

Ability to:

perform moderate to heavy manual labor outdoors in temperature extremes for extended periods of time; understand and follow verbal and written instructions; and establish and maintain effective working relationships with management, coworkers, and the general public.

The duties listed above are intended only as general illustrations of the various types of work that may be performed. Specific statements of duties not included does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Job descriptions are subject to change by the City as the needs of the City and requirements of the job change.

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INCREMENTS 44-200

PAY GRADE: 44

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