



City of Tempe

AQUATICS MAINTENANCE MECHANIC

JOB CLASSIFICATION INFORMATION			
<i>Job Code:</i>	155	<i>Department</i>	Community Services
<i>Supervision Level:</i>	Non-Supervisor	<i>State Retirement Group:</i>	ASRS
<i>Status:</i>	Classified	<i>Market Group:</i>	Aquatics Maintenance Mechanic
<i>Safety Sensitive / Drug Screen:</i>	Yes	<i>Physical:</i>	Yes
Click here for more job classification information including current salary range.			

REPORTING RELATIONSHIPS
Receives general supervision from a Community Services Supervisor, Aquatics Maintenance Coordinator or from other supervisory or management staff.

MINIMUM QUALIFICATIONS	
<i>Experience:</i>	Three (3) years of commercial experience in the care, maintenance and repair of indoor and outdoor swimming pools and related equipment to include such things as hydro-computerized wave equipment, bulkhead equipment, commercial grade waterslides, or other commercial comprehensive family aquatic equipment.
<i>Education:</i>	High school diploma, GED or equivalency, supplemented by specialized training in aquatic facility maintenance and repairs.
<i>License / Certification:</i>	<ul style="list-style-type: none"> ● Possession of a valid driver’s license. ● Possession of, or required to obtain, within six (6) months of hire, a Pool/Spa Operator certification through the National Swimming Pool Foundation or an Aquatics Facility Operator certification through the National Parks and Recreation Association.

ESSENTIAL JOB FUNCTIONS
Essential job functions are the fundamental duties of a position: the things a person holding the job absolutely must be able to do.

To actively support and uphold the City’s stated mission and values. To perform a variety of skilled maintenance activities in the support of the City’s indoor wave pool and other indoor and outdoor swimming pool facilities and equipment, including wave equipment, interactive play equipment, commercial slides, and a variety of pumps and motors to ensure the water quality of all pool facilities.

OTHER DUTIES AS ASSIGNED

Please note this job description is not designed to cover or contain a comprehensive listing of all activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

- Maintain proper pool water chemistry including calibrating and adjusting chemical dispensers and calculating proper flow rates; collect daily water samples and test water quality for free chlorine, pH, total alkalinity, and calcium using various chemical solutions and test kits.
- Operates, and maintains pool filtering systems, chemical injectors, aerator systems, UV systems, chlorinators, pressured cylinders, automated pressure controllers, pumps, small and large motors, boilers, pipes, valves and gauges.
- Install and replace small and large plumbing, pumps, small and large motors, chemical dispensers, gas pool heaters and underwater light fixtures.
- Install, replace and rebuild a variety of valves including ball valves, butterfly valves, clay valves, gate valves and electric solenoid valves.
- Repair and maintain hydro-computerized wave pool equipment and associated components.
- Performs routine service, maintenance, and repair work on plumbing and electrical components related to aquatics facilities.
- Troubleshoots and repairs of electrical systems, including high voltage pump boxes and electrical panels, in the aquatics area.
- Perform routine maintenance and repair of water slides, diving boards, diving towers, including resurfacing diving boards and waxing water slides.
- Performs maintenance and repair work on swimming pool decks, pool walls and floor areas, including setting forms, pouring and finishing concrete, setting and replacing ceramic tile grout, and painting and plastering pools; performs acid wash as needed.
- Conducts inspections of aquatic facilities, equipment, and pool water to identify deficiencies; inspects/tests equipment and parts for proper and safe operation; makes adjustments, repairs, or replacements as appropriate; reports problem situations.
- Coordinates with outside Vendors and other Agencies and other Departments.
- Participates in maintaining splash parks, fountains, spray pads and reflecting ponds to include installation, repair and daily maintenance of specialized spray equipment and water feature equipment, including cleaning and water chemistry duties.
- Vacuum and clean swimming pools, backwash filters, and clean restroom facilities, pool equipment rooms, and gutters.
- Perform related duties as assigned.

COMPETENCIES

<i>CLASSIFICATION LEVEL</i>	<i>INCLUDES</i>	<i>COMPETENCIES</i>
Foundational	All Employees	Inclusion, Communication, Interpersonal Skills, Integrity, Professionalism, and Willingness to Learn
Non-Supervisory	In Addition >	Teamwork, Customer Service, Initiative, and Dependability / Reliability

Supervisory	In Addition >	Staffing, Monitoring Work, Delegating, Development / Mentoring, and Support Others
Manager	In Addition >	Preparing / Evaluating Budgets, Monitoring / Controlling Resources, and Motivating / Inspiring
Deputy Director	In Addition >	Entrepreneurship and Networking
Director	In Addition >	Organizational Vision
<p><i>For more information about the City of Tempe's competencies for all classifications:</i> City of Tempe, AZ : Competencies</p>		

JOB DESCRIPTION HISTORY
<p><i>Effective November 1988</i> <i>Revised June 1998</i> <i>Revised Feb 2011 (Driver's license requirement)</i> <i>Revised April 2015 (Titled from Swimming Pool Maintenance Tech; update job duties)</i> <i>Revised March 2017 (added physical demands & work environment)</i></p>

PHYSICAL DEMANDS AND WORK ENVIRONMENT

Job Title: Aquatics Maintenance Mechanic

Job Code: 155

VEHICLE OPERATION	YES	NO
Will this position drive a City vehicle?	X	
Will this vehicle require a Commercial Drivers License?		X

	Never	Occas.	Freq.	Contin.
	0% of time	1-35% of time	36-65% of time	66-100% of time

WORK WITH OR EXPOSURE TO THE FOLLOWING				
Machinery*	X			
Electrical*			X	
Power Tools*			X	
Hand Tools*				X
Personal Protective Equipment*				X
Computer Software				X
Fumes			X	
Chemicals				X

ENVIRONMENT				
Indoors			X	
Outdoors				X
Working in or around water				X
Extreme Heat			X	
Extreme Cold		X		
Office Setting		X		
Confined Spaces		X		
Excessive Noise**			X	
Heights		X		
Sewage Exposure		X		
Bodily Fluid Exposure		X		

ENDURANCE				
Sit		X		
Stationary / Stand		X		
Traverse / Move			X	

VISION REQUIREMENTS	YES	NO
Close (clear vision at 20 inches or less)		X
Distance (clear vision at 20 feet or more)		X
Color (ability to identify and distinguish colors)		X
Depth Perception (three-dimensional vision, ability to judge distances and spatial relationships)		X
Peripheral (ability to observe an area that can be seen up and down or to the left and right while eyes are fixed on a given point)		X
Ability to adjust focus (ability to adjust the eye to bring an object into sharp focus)		X
No Special Vision Requirements		X

Maximum LIFT / CARRY	Lift	Carry
5-25lbs		
26-50lbs		X
51-75lbs	X	
76-100lbs		

Maximum PUSH / PULL	Push	Pull
5-25lbs		
26-50lbs		
51-75lbs		
76-100lbs	X	X

MOVEMENT	YES	NO
Bend / Stoop / Twist	X	
Crouch / Squat	X	
Kneel / Crawl	X	
Above Shoulder Level	X	
Below Shoulder Level	X	
Repetitive Arm Use		X
Repetitive Wrist Use		X
Repetitive Hand Use		X
Neck Range of Motion	X	
Climb Stairs / Ladders	X	
Traverse Uneven Surface	X	
Traverse Even Surface	X	

ADDITIONAL CONSIDERATIONS:
- May require working extended hours.
- May work alone for extended periods of time.

*DEFINITIONS/EXAMPLES
Machinery: bucket truck, riding mowers, backhoe etc.
Electrical: wiring, outlets, fuses etc.
Power Tools: push mowers, jackhammers, drills, chainsaw etc.
Hand Tools: hammers, wrenches, shovels, wheel barrels, saws etc.
Personal Protective Equipment: respirators, Tyvek coveralls, hard hats, fall protection harness etc.

**** Hearing test is required**