

Job Posting

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Position	Maintenance Technician (Life Support/Water Quality Technician) F/T
Facility	Arizona-Sonora Desert Museum
Location	Tucson, AZ
Job Summary	<p>Brief Summary</p> <p>The Arizona-Sonora Desert Museum’s Living Collections department is looking for an enthusiastic individual to join our team. The successful candidate will have extensive experience with saltwater and freshwater life support systems. The successful candidate must have the ability to maintain and/or repair LSS components including ozone generators, pumps and all types of filtration systems and will be responsible for performing water quality testing. Good knowledge of automated control systems is important. Must be adaptable, team orientated, a self-starter requiring little supervision, and able to manage time and resources effectively. The successful candidate is expected to continue to expand their proficiencies and acquire new skills in the maintenance field.</p> <p>Position Summary</p> <p>The Life Support/Water Quality Technician shall be responsible for the daily operation and maintenance of all aquatic animal Life Support Systems (LSS) that support Arizona-Sonora Desert Museum’s aquatic animal exhibits. This position will be responsible for monitoring all phases of aquarium exhibit water treatment processing, water quality, as well as equipment condition and making necessary changes or repairs as needed.</p>
Essential Functions	<p>This position will frequently interface with other departments including, Living collections, Maintenance, Veterinarians and animal keepers regarding water quality, LSS process equipment adjustments and needed repairs by performing the following duties:</p> <p>Essential Duties and Responsibilities include the following. Other duties may be assigned.</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Monitors LSS equipment and processes for normal operation and make changes as needed. Keeps record and modifies system operations. • <input type="checkbox"/> Performs preventative and corrective maintenance as needed to keep LSS equipment in excellent working condition and appearance. • <input type="checkbox"/> Recommends, orders and maintains the stock of required spare parts, tools, and test instruments.

	<ul style="list-style-type: none"> • <input type="checkbox"/> Understands and interprets water chemistry reports and results, recommends and carries out corrections. • <input type="checkbox"/> Perform and document water quality. • <input type="checkbox"/> Maintains LSS system logs and records as needed. • <input type="checkbox"/> Interfaces effectively with other departments to maintain the highest quality standards. • <input type="checkbox"/> Follows and maintains all safety policies and procedures. • <input type="checkbox"/> Maintains the highest standard of work area cleanliness at all times. • <input type="checkbox"/> Performs other duties as workload necessitates.
Other Duties and Responsibilities	<p>The above description reflects a general overview of the responsibilities and position requirements for this job classification. It is not intended to be a complete description of all duties and requirements that may be inherent in the position.</p>
Knowledge, Skills and Abilities	<ul style="list-style-type: none"> • <input type="checkbox"/> Must have a working knowledge of freshwater & seawater chemistry and how it pertains to aquatic animals. • <input type="checkbox"/> Must have the ability to repair LSS or similar industrial mechanical plant equipment including ozone generators, centrifugal pumps, heat exchangers, air compressors, automated control systems, and all types of filtration systems including sand filters and protein skimmers. • <input type="checkbox"/> Must have basic electrical knowledge with circuits <120volts. Experience with electric valve actuators & motor starter/relay circuits is a plus. • <input type="checkbox"/> Must be proficient in use of proper test equipment, hand & power tools, and shop equipment. • <input type="checkbox"/> Must have above average computer skills. Experience with computer monitored system for alarms. Proficiency with Microsoft Office products is a must. • <input type="checkbox"/> Must be available to work nights, weekends, holidays, and be on call for emergencies.
Education & Experienced Required	<ul style="list-style-type: none"> • <input type="checkbox"/> Four year college degree or two year trade school degree is preferred. • <input type="checkbox"/> Must have a minimum of four years' experience in aquatic animal life support systems or similar industrial processing plant work experience. • <input type="checkbox"/> Must have four years' experience working with aquatic animals in closed aquarium systems. • <input type="checkbox"/> Must have experience pipe fitting utilizing PVC, Copper and tubing.
Licenses and Certifications Required	<ul style="list-style-type: none"> • <input type="checkbox"/> AALSO Certification Level 1 required or Level 2 desired • <input type="checkbox"/> Valid Arizona driver's license and satisfactory driving record required (39-month DMV Report must be provided prior to hire)
Physical Requirements	<p>The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.</p>

	<p>While performing the duties of this position, the employee is regularly required to talk or hear. The employee is frequently required to stand; walk; use hands to finger, handle, or feel and reach with hands and arms. The employee is occasionally required to climb or balance and stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision and ability to adjust focus.</p>
Working Conditions	<p>The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.</p> <p>While performing the duties of this position, the employee is regularly exposed to outside weather conditions. The employee is frequently exposed to moving mechanical parts. The employee is occasionally exposed to wet and/or humid conditions; high, precarious places; fumes or airborne particles; risk of electrical shock and vibration. The noise level in the work environment is usually moderate.</p>
Salary	<p>First Step is currently: \$17.05/hour with annual step increases as set forth in the Union contract.</p> <p>Relocation assistance is not available for this position.</p>
Respond To	<p>This position was opened on October 13, 2017 and does not have a closing date. It is considered open until filled; however, it is highly recommended that all credentials be submitted for consideration as soon as possible.</p> <p>Applications are accepted only for open positions and must be completed and submitted online through ASDM's Career page. https://www.appone.com/MainInfoReq.asp?R_ID=1747458</p> <p>More information about our application process, current employment opportunities, and volunteer positions is available here: http://www.desertmuseum.org/about/workopt.php</p> <p>Please understand that if offered a position, you will, as a final condition of employment, be required to successfully complete a pre-employment drug screen and provide a 39-month DMV report.</p> <p>The Museum is a drug and alcohol free workplace and participates in E-Verify. We are an Equal Opportunity Employer.</p>
Closing date	01/17/2018