

Job Posting

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Position	Life Support System Technician
Facility	Houston Zoo
Location	Houston, TX
Job Summary	<p>Our Purpose: The Houston Zoo connects communities with animals, inspiring action to save wildlife. We take pride in supporting efforts that save wildlife from extinction by working to implement comprehensive conservation strategies and developing partnerships to increase knowledge and support in communities.</p> <p>The Houston Zoo focuses on saving wildlife through reducing threats that face species in the wild. This includes action to reduce plastic pollution and paper use, promote sustainable seafood and sustainable palm oil, recycle electronics, and address pollinator decline. We also protect the counterparts of zoo animals, like lions, sharks, cranes and toads in the wild through partnerships with other global wildlife-saving organizations. Every member of our staff makes this possible by ensuring extraordinary animal care and guaranteeing the zoo's operations contribute to protecting animals in the wild. Our staff strengthens the zoo, making it possible to protect 20% of the lion population in Africa, save sea turtles through the elimination of plastic bottle sales, among other wildlife successes. By joining the Houston Zoo team, you save animals in the wild!</p> <p>This position is ideal for a candidate who is a dedicated and enthusiastic team player with working experience being responsible for the daily operation, maintenance, and monitoring of aquatic life support systems.</p>
Essential Functions	<ul style="list-style-type: none"> <input type="checkbox"/> Perform the repair and maintenance of pumps, controllers, air compressors, UV sterilizers, chemical injection, and filtration equipment <input type="checkbox"/> Perform inspections and monitor water quality parameters <input type="checkbox"/> Ability to troubleshoot and repair all systems and equipment <input type="checkbox"/> Perform water quality testing in a laboratory setting <input type="checkbox"/> Interpret water chemistry reports and results, and make recommendations for corrections as needed <input type="checkbox"/> Ability to use instrumentation and control systems to monitor and record data <input type="checkbox"/> Maintain accurate system logs and records as needed <input type="checkbox"/> Recommend and maintain the stock of required spare parts, tools, and test instruments <input type="checkbox"/> Receive, maintain, and restock chemical inventories <input type="checkbox"/> Interface effectively with other departments to maintain the highest quality standards

	<ul style="list-style-type: none"> <input type="checkbox"/> Follow and maintain all safety policies and procedures <input type="checkbox"/> Maintain the highest standard of work area cleanliness at all times <input type="checkbox"/> Interact with Zoo guests and maintain the highest level of guest satisfaction <input type="checkbox"/> Required to carry radio/cell phone and respond as necessary while on duty. <input type="checkbox"/> Perform other duties as requested
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	<ul style="list-style-type: none"> • <input type="checkbox"/> Candidates must have a minimum of two years' experience operating and maintaining aquatic life support systems, a municipal water treatment plant, or a waste water treatment plant. • <input type="checkbox"/> Ability to diagnose and repair LSS equipment including but not limited to ozone generators, pumps, heat exchangers, air compressors, fractionators, UV sterilizers, instrumentation and control systems, chemical injection, and water filtration systems.
Education & Experienced Required	<p>EXPERIENCE:</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Candidates must have a minimum of two years' experience operating and maintaining aquatic life support systems, a municipal water treatment plant, or a waste water treatment plant. • <input type="checkbox"/> Ability to diagnose and repair LSS equipment including but not limited to ozone generators, pumps, heat exchangers, air compressors, fractionators, UV sterilizers, instrumentation and control systems, chemical injection, and water filtration systems. • <input type="checkbox"/> Must be proficient in the use of proper testing equipment, hand tools and shop equipment. • <input type="checkbox"/> Must be proficient in pipe fitting utilizing PVC and polyethylene tubing. • <input type="checkbox"/> Must communicate effectively in English in both written and oral form. • <input type="checkbox"/> Strong demonstrated knowledge of water chemistry and water system monitoring. • <input type="checkbox"/> Demonstrated ability to work with various computer programs and software related to essential functions of the position. • <input type="checkbox"/> Attention to detail and great overall workplace cleanliness is mandatory. • <input type="checkbox"/> Must be able to work nights, weekends, holidays, and have a flexible schedule. <p>KNOWLEDGE:</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Bachelor's degree in biology, chemistry, marine science or a related field is a preferred. A valid Texas driver's license is required.
Licenses and Certifications Required	A valid Texas driver's license is required
Physical Requirements	Regularly lift and /or move up to 75 pounds.
	The job requires visual acuity and physical skills needed to make fine closely coordinated hand /eye movements for calibration of test equipment and life support equipment adjustments. The job duties

	require the applicant to regularly walk, sit, stand, reach, stoop, kneel, crouch or crawl. Individuals in this role will frequently be required to climb or balance and must be able to verbally communicate during the performance of these job duties. In addition, the skills to operate equipment as an extension of the worker are required.
Working Conditions	While performing the duties of this job, the employee is regularly exposed to wet or humid conditions; work near moving mechanical parts; work in high, precarious places; outdoor weather conditions. The employee is frequently exposed to fumes or airborne particles. The employee is occasionally exposed to extreme cold; risk of electrical shock and vibration. The noise level in the work environment is usually moderate to loud.
Salary	C.O.E.
	Non-Exempt Status Exceptional Benefits
Respond To	careers@houstonzoo.org
	Brandy Conner
Closing date	08/31/2017