

Position	Life Support Technician
Facility	Utah's Hogle Zoo
Location	Salt Lake City, Utah
Job Summary	<p>The position is responsible for the safe operation, maintenance, repairs and monitoring of all aspects of life support and mechanical systems of the Zoo's water exhibits. Work involves conducting water tests and analysis, preventive maintenance, along with reading plans and blueprints. Responsibilities will include support of related equipment used for diving and responding to mechanical problems arising during dives. This position is a member of the dive team and will participate in dive operations associated with keeping large animal pools clean. The specialist will communicate with Animal Care staff regarding pertinent information relating to life support systems. This is a full-time hourly position, reporting to the Life Support Supervisor. Must be on call for emergencies and may work varied shifts.</p>
Essential Functions	<ul style="list-style-type: none"> • Conducts repairs on all life-support and facility mechanical systems, including, but not limited to: fresh and salt-water pumps, filters, heat exchangers, valves, pressure regulators and automation equipment, low-voltage systems, building hardware, plumbing and other duties as deemed necessary to maintain facility operations. • Maintain proper water quality using sanitizers, ozone and other chemicals • Maintain water chemistry, including salinity, PH levels and other parameters • Maintain proper water filtration for turbidity/clarity • Responsible for maintaining accurate records. • Performs various troubleshooting techniques related to system problems and/or malfunctions • Assists in maintaining clean work environments • Ensure safety procedure and policies are followed. • Assists in the design of new filtration systems • Assists Supervisor in ordering and stocking of all necessary chemicals, equipment and supplies. • Maintain appropriate communications with Animal Care Supervisors and staff as to water and pool conditions. • Is a member of the Dive Team, and must dive in large animal pools multiple times a week, if needed. • Support other related equipment used for dives. • Respond to emergencies • Assist with monitoring expenses and budgets • May be required to help with snow and ice operations • Other duties as assigned.
Other Duties and Responsibilities	<ul style="list-style-type: none"> • Four years paid full time or part time equivalent experience in water treatment, mechanical maintenance or laboratory work; or a degree from an accredited college in Biology or other natural science plus two years' • Currently hazmat certified or becomes certified within 6 months • Knowledge and understanding of water chemistry and water quality parameters, analysis, filtration systems etc. • Experience with salt and fresh water systems • Experience with USDA marine mammal standards related to water quality. • Good working knowledge of hydraulic/pumping, automated control and filtration/disinfection systems as well as knowledge of electricity, interpreting values on machinery and gauges • Proven troubleshooting and problem solving skills • Working knowledge of water filtration systems • The ability to work on ones feet for extensive periods of time, in adverse conditions (e.g. cramped spaces and wet environment). • Must be fully capable of reading technical drawings, technical specifications and written repair/maintenance procedures with minimum supervision. • Must be able to lift safely up to 80+ pounds • Ability to use application software, such as Word, Excel, MS Office, and work order management system • Must be able to pass a physical exam and have an advance Open Water certification or be certified with 6 months. • Familiarity with RCK control automation a plus

Knowledge, Skills and Abilities	<ul style="list-style-type: none"> • Four years paid full time or part time equivalent experience in water treatment, mechanical maintenance or laboratory work; or a degree from an accredited college in Biology or other natural science plus two years' experience in mentioned areas of work. • Ability to maintain effective working relationships and to function in a team environment with limited supervision
Education & Experienced Required	
Licenses and Certifications Required	<ul style="list-style-type: none"> • Must be able to pass a physical exam and have an advance Open Water certification or be certified with 6 months. • Currently hazmat certified or becomes certified within 6 months
Physical Requirements	Moderately heavy physical activity. Required to stand, walk, or sit uncomfortably for extended periods. Exposure to disagreeable elements such as extreme weather conditions, noise, dust, fumes, etc, physical exertion from diving and using clean equipment Required to push, pull or lift 80 lbs. or more.
Working Conditions	
Salary	
Respond To	If you are interested in this opportunity please refer to the Utah's Hogle Zoo website at www.hoglezoo.org/jobs_volunteers/job_openings to apply. Utah's Hogle Zoo is an equal opportunity employer and maintains a drug free work environment.
Closing date	11/30/2018

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