

Position	Lead Life Support Technician
Facility	Wonder of Wildlife National Museum & Aquarium
Location	Springfield, MO
Job Summary	We are seeking a dynamic LIFE SUPPORT SYSTEMS TECHNICIAN to join our team! This individual will be programming, operating, repairing, maintaining and monitoring all marine and freshwater aquatic life support systems at Americas Best Aquarium, Wonders of Wildlife National Museum and Aquarium. This state of the art 1.5-million-gallon Aquarium showcases 35,000 live fish, mammals, reptiles, amphibians, and birds! At 350,000 square feet, Wonders of Wildlife is the mid-west's premiere Aquarium to follow your passion and become part of a team full of true conservationists!
Essential Functions	-Diagnose and schedule repairs to Life Support Systems; including water filters, ozone generation and treatment, chlorine dosing equipment, UV sterilization, protein fractionators and associated computer controls. -Responsible for updating, and scheduling the LSS preventative maintenance program, including monitoring all filtration systems and water parameters. -Diagnose and schedule repair to pumps, filters, valves, and actuators. Responsible for verifying adequate equipment is available to perform repairs and maintenance for the Life Support Systems. -Fabricate and maintain operational data logs on all water systems. -Works with LSS Supervisor, Facilities Manager, and General Curator, Water Quality and Veterinary departments to maintain an environment conducive to the health and well-being of all animals within the WOW Collection. -Ensure adequate amounts of prepared freshwater and saltwater is available for all animal enclosures. -Responsible for performing the LSS preventative maintenance program, including monitoring all filtration systems and water parameters -Operate, maintain, troubleshoot and repair pumps, filters, valves, and actuators. -Responsible for providing adequate means to fulfill repair maintenance for the Life Support Systems by maintaining adequate spare parts and special tool inventories. -Maintain operational data logs on all water systems. -Mentors and trains less experienced staff in all aspects of the Life Support Systems. -Assist staff and visitors as needed in a pleasant, professional and courteous manner. -Must adhere to all company/department safety standards and policies. -Must be open to working mandatory/approved overtime. -Must be open to working weekends/weekdays/nights when necessary/critical to support the business. -Must be able to cover shifts at affiliate Conservation Attraction properties. -Must have an approved driving record and operate a company vehicle if required/applicable.
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	-Requires 3 years' experience with large-scale aquatic life support and filtration systems in a zoo or aquarium setting. -Must have a complete understanding of mechanical, chemical, and biological filtration as it applies to aquarium systems. -Requires knowledge of automated controls, pneumatics, electro-mechanical and electro-optical devices and methods. Experience with RCK control systems

required. -Requires ability to read blueprints, schematic drawings, diagrams, P&ID's and make necessary corrections and changes. - Requires good computer and professional communication skills, and the ability to operate all required Microsoft office and building controls equipment. -Experience with Trane systems preferred. - Ability to lead a team or work alone. -Ability to interact in a positive and timely manner with peripheral teams i.e. -Animal education outreach programs, Life Sciences, Veterinary care, Water Quality, Outside Vendors, and Guests. -Thorough knowledge of freshwater and saltwater chemistries. -Ability to respond to any emergency situations at any time -Basic plumbing, mechanical, and electrical skills -Basic swimming ability -Requires walking/standing approximately 60% of the time; sitting approximately 20% of the time; lifting up to 80 lbs — approximately 10% of the time; stooping, forward bending and crouching approximately 10% of the time. -Any combination of experience, education, skills, certification(s), etc. will be taken into consideration -Must be able to work in an environment with exposure to sunlight, various animals, weather, loud sounds, low lighting, close quarters, high/low temperatures, etc.

Education & Experienced Required

Licenses and Certifications Required

-Open Water SCUBA diving certification or the ability to obtain one within 6 months -AALSO Life Support Operator Level II certification - Valid Missouri driver's license or the ability to obtain one within 30 days

Physical Requirements

Working Conditions

Salary

Respond To

artennison@wondersofwildlife.org

Closing date

02/01/2021

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