



## **JOB POSTING**

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**Job Title:** Life Support Systems Technician

**Status:** Full-time

**Number of Positions:** 1

**Classification:** Hourly

**Reports to:** Curator of Aquatic Systems

### **Description**

Performs daily operations and monitors life support equipment for large aquatic exhibit systems. Monitors and maintains water levels, back washing, air flow and ozone generator adjustments, and all other equipment vital to the operation of life support systems as directed. Monitors systems, and performs daily visual inspections of filter readings, valve positions, flow rates, and pressure differentials. The Life Support Systems Technician must model mutual support, excellent communication, and joint problem-solving skills among. Cultivate, support, and maintain a culture of inclusion and engagement (positive moral) at AON. The Life Support Systems Technician is responsible for demonstrating self-accountability and self-development.

### **Essential Responsibilities**

- Maintain all aquarium LSS in the best working order possible.
- Work with the Curator of Aquatic Systems to prioritize the needs of the department appropriately.
- Inform the Curator of Aquatic Systems of activities, issues, and needs within the department, and provide accurate and timely information to enable responsible and informed decision-making.
- Conducts all activities in alignment with AZA standards and guidelines, all relevant laws and regulations, safety standards, and standards that ensure animal welfare.
- Performs minor service and repairs to life support equipment including but not limited to pumps, ozone systems, monitoring equipment, blowers, towers, chillers and heat exchangers, filters, and generators.
- Performs daily operation/maintenance of ozone generators, compressors, and associated equipment.
- Work closely to monitor and maintain nitrogen cycling in new and empty tanks, and to ensure all scheduled and unscheduled water changes, transfers and system-drop procedures are completed safely.
- Troubleshoots water chemistry problems by recommending and adding chemicals, and synthetic seawater as needed to maintain appropriate levels and responds to life support system alarms.
- Maintains accurate records of water quality testing and life support reading/activities and generates recommendations (e.g., repairs, purchases, supplies) based on the information.
- Attends meetings and developmental seminars and maintains contacts with other LSS professionals.
- Always strive to build and maintain a cooperative attitude and working relationship with all departments.
- Other duties as assigned and must be on-call for LSS emergencies.

### **Requested Requirements**

- 2 years working with life support system maintenance and repairs.
- AALSO LSS Level 1 and 2, and/or pool operator certification preferred, but not required.
- Considerable knowledge of pumps, water quality, and facility life support systems.
- Working knowledge of hand and power tools.
- Skills in LSS plumbing, minor electrical, fiberglass repair, and light carpentry preferred.
- Possess excellent written and verbal communication skills and demonstrate ability to effectively communicate.
- Proficient in Microsoft Office.
- Be a self-starter and function well independently and in a team environment.
- Possess a valid NYS driver's license and maintain a clean driving record.

### **Working Conditions**

- Be able to stoop, bend, and climb ladders.
- Must be able to lift and carry fifty (50) pounds, work on un-even and slippery surfaces, withstand temperatures of hot and cold, and sit/stand for long periods of time when necessary.

### **Salary Range**

- \$19.00-\$20.00 per hour

### **To Apply**

Please send resume and cover letter to [kdaloise@aquariumofniagara.org](mailto:kdaloise@aquariumofniagara.org). Be sure to include Life Support Systems Technician in the subject line of any correspondences.

The Aquarium of Niagara is an equal opportunity employer. All qualified applicants will be afforded equal employment opportunities without discrimination because of race, color, creed, religion, sex, age, national origin, citizenship, sexual orientation, marital status, or any other classification protected by federal, state, or local law.