

Job Posting

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Position	Engineering Lead - Life Support Systems
Facility	The Florida Aquarium
Location	Tampa, FL
Job Summary	<p>Position Summary</p> <p>Responsible to manage the day-to-day operations of the Life Support Systems and staff. Including the installation, maintenance, and repair of all Systems. Develops and implements all new automation/controls/monitoring systems. Performs all equipment preventative and predictive maintenance tasks, analyzes life support trend data, and recommends repair or replacement of major components when appropriate. Supervises operators and contract work on all systems.</p>
Essential Functions	<p>Essential Position Functions</p> <ul style="list-style-type: none"> • Responsible for life support system design, operation and maintenance for fresh water and salt water systems. • Troubleshoots and repairs systems to ensure aquatic life is sustainable. • Monitors a workable, preventive, predictive and corrective maintenance program for all systems • Develops and maintains proper and accurate SOP and documentation of all operations. • Reviews automation system designs, operations and procedures to ensure current in all areas • Ensures the safe and efficient operation of all habitat's mechanical, electrical, plumbing and LS systems. • Ensures state of the art quality facilities installations • Coordinates 24/7 system operations for specimen health and welfare • Supervises, schedules, and directs activities of all technical staff. • Provides proper training for LSS operators as well as cross training curatorial staff in all routine and emergency life support situations • Responsible for on call scheduling of personnel responding to emergencies • Ensures all department personnel remains active in their daily responsibilities • Operates area within budget parameters and projects future needs for planning and budgeting. • Maintains equipment and supplies for daily operations • Anticipates problems or issues and be prepared to respond accordingly • Keep a positive attitude when working in adverse conditions

	<ul style="list-style-type: none"> • <input type="checkbox"/> Recommends cost savings with life support maintenance solutions <p>Secondary Functions</p> <ul style="list-style-type: none"> • <input type="checkbox"/> Assist in managing capital projects as assigned • <input type="checkbox"/> Delivers extraordinary customer service to all aquarium guests and internal customers • <input type="checkbox"/> Other duties as assigned by Director
Other Duties and Responsibilities	Competencies
	<ul style="list-style-type: none"> • <input type="checkbox"/> Customer Service Orientation — Listening and understanding the customer (both internal and external) and anticipating and evaluating the customer’s needs; making the customer’s satisfaction a high priority in all areas of responsibility. • <input type="checkbox"/> Teamwork — supporting, facilitating, and participating in activities that promote team effectiveness; demonstrating sensitivity for the feelings and needs of team members and supporting team goals. • <input type="checkbox"/> Professional/Technical Knowledge— Remains current on developments in the field within and outside the organization; maintains proficiencies • <input type="checkbox"/> Quality — upholding standards beyond what is required; inspiring staff to maintain and initiate high standards of excellence in their work efforts. • <input type="checkbox"/> Concern for Detail — Pays attention to every portion of any task, down to the smallest item • <input type="checkbox"/> Planning and Organizing — Establishing a course of action with specific long-range goals for the aquarium; setting priorities among competing requirements and allocating resources in the most efficient and effective way; developing contingency plans that anticipate changes in the work environment. • <input type="checkbox"/> Follow-up — Institutes methods for monitoring people and projects
Knowledge, Skills and Abilities	
Education & Experienced Required	Education Requirements and Technical Skills
	<ul style="list-style-type: none"> • <input type="checkbox"/> High school diploma or GED • <input type="checkbox"/> Advanced Science / Engineering related education - desirable • <input type="checkbox"/> Clear understanding and working knowledge of biological, mechanical, and chemical filtration. • <input type="checkbox"/> Licencing in the field of water or wastewater treatment encouraged • <input type="checkbox"/> Life Support Operator II - AALSO certification required • <input type="checkbox"/> Ten years experience installing and maintaining life support systems • <input type="checkbox"/> Knowledge and proficiency with commonly used computers and software (MS suite, Monitoring, etc.)
Licenses and Certifications Required	
Physical Requirements	Typical Physical Requirements
	<ul style="list-style-type: none"> • <input type="checkbox"/> Standing (4-8 hours per day)

- Walking (4-8 hours per day)
- Bending/Stooping — Occasionally
- Squatting — Occasionally
- Climbing stairs — Frequently
- Climbing heights (8') — Occasionally
- Reaching above shoulders — Occasionally
- Crouching — Occasionally
- Kneeling — Occasionally
- Carrying (up to 80 lbs.) — Occasionally
- Lifting (up to 80 lbs.) — Occasionally
- Working near moving machinery — Occasionally
- Exposure to marked changes in temperature and humidity
- Exposure to dust, fumes and gases
- Typing on a computer keyboard
- Operating machinery
- Ability to travel (car) as needed — locally and/or nationally
- Flexibility in working weekends and evenings
- Flexibility in working holidays
- Available for on-call emergencies

Working Conditions	
Salary	Negotiable
Respond To	Please forward resumes and salary requirements to hr@flaquarium.org