

Position	Water Quality/Life Support Systems Technician
Facility	Mote Marine Laboratory and Aquarium
Location	Sarasota, Florida
Job Summary	The Water Quality/Life Support Systems Technician should have an interest in pursuing a career in Life Support Systems operations at a zoo or public aquarium. This position will be responsible for performing water quality analysis on all exhibits, quarantine and holding systems and seawater processing systems associated with the Aquarium and maintaining accurate and up-to-date records of all data collected. This position will also be responsible for the safe operation of Mote Marine Laboratory and Aquarium's freshwater and seawater operations.
Essential Functions	General Duties: • Perform daily water analysis of exhibits, holding systems, quarantine systems, and water processing and storage systems • Maintenance and purchasing of water analysis equipment and supplies • Data entry • Operation and maintenance of ozone generators, compressors and associated peripheral equipment. • Pump repair • PVC plumbing • High rate sand filter operation and maintenance • Operation of water distribution systems • Repair and maintenance of mechanical systems
Other Duties and Responsibilities	• Participation in the design, installation and maintenance of closed and open filtration systems, heater/chiller systems, and ozone systems • Monitor and maintain desired water quality parameters and ensure proper dosing of chemicals such as sodium bicarbonate, soda ash, chlorine, aluminum sulfate, sodium thiosulfate and lanthanum chloride when necessary. • Participation in continuing education, including travel to out of town locations, may be required.
Knowledge, Skills and Abilities	• Computer knowledge (Excel, Word, Google) • Ability to navigate and utilize ZIMS for record keeping • Able to work well with others and be a team player • Communicate clearly both verbally and in writing • Knowledge of aquarium biological processes • Established time management and organizational skills • Capable of performing routine tasks accurately and efficiently • Capable of repair and maintenance of mechanical systems • Experience in aquatic animal care is preferred but not required. • Ability to cooperatively work with staff, volunteers and contractors • Ability to make decisions and work independently • Ability to work with and tolerate PVC glues and primers • Ability to use basic hand and power tools
Education & Experienced Required	Minimum Requirements: Education: Bachelor's degree in Marine Science or related field preferred, technical degree or an equivalent combination of education and work experience. Work Experience: Minimum of 1 year in a zoo or aquarium Life Support division or water treatment facility preferred. Previous internships or volunteerism will be considered. Knowledge of aquatic animal husbandry preferred.
Licenses and Certifications Required	Licenses and Certifications: Valid Florida Driver's License or ability to obtain one within 30 days of hire
Physical Requirements	• Tolerance working with wet hands, feet and clothes every day • Ability to spend the majority of the workday walking, standing,

bending and lifting • Strength to operate valves and open pump baskets • Tolerance to work around noisy machinery and equipment • Tolerance for the smell of fish and animal feces • Ability to work outside in all Florida weather conditions • Ability to safely lift and carry 60 lbs • Ability to lift 25lbs overhead • Ability to work in tight spaces • Capable of climbing and working from ladders • Visual acuity is required including the ability to distinguish color variations

Working Conditions	Will spend around half work day in Laboratory setting, other half working outdoors in Southwest Florida.
Salary	Starting hourly rate \$14.00 per hour, with payed time off (ie Sick, Vacation, Holiday)
Respond To	Interested applicants should apply on line at https://mote.smapply.org/prog/job_applicants or mail a single package including cover letter, resume or c.v. and the contact information for three references to Mote Marine Laboratory, Attn: Human Resources, 1600 Ken Thompson Parkway, Sarasota, FL 34236
Closing date	08/13/2021

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