

Job Posting

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Position	Aquaculture Support Systems Technician
Facility	University of Southern Mississippi, Aquaculture Center
Location	Ocean Springs, MS
Job Summary	<p>This is specialized technical work in aquaculture. Characteristic duties include preventive and corrective maintenance, water quality testing and monitoring, and the construction of new systems. Daily operations including mechanical, plumbing, piping, and electrical work to maintain aquaculture systems and the ability to diagnose and repair equipment including ozone generators, pumps, heat exchanges, air compressors, control systems and filtration systems. Center operations include broodstock management, live feeds production, larval and juvenile husbandry, health management, operation of artificial salt water tank systems, and execution of experimental protocols. Activities require live food production including algae, rotifers, and zooplankton. The work also involves routine husbandry activities for several marine species from the larval stage through juvenile and into large-scale grow-out. Work is performed independently under general supervision. The position will be located at the Thad Cochran Marine Aquaculture Center in Ocean Springs, MS. The Center is part of the Gulf Coast Research Laboratory (GCRL), a unit of the University of Southern Mississippi. The Center is located on the Cedar Point campus of GCRL, a 225-acre site devoted primarily to marine aquaculture. The Center currently includes approximately 100,000 square feet of culture space.</p>
Essential Functions	<ul style="list-style-type: none"> - Performs system design, preparation, installation, operation and preventative maintenance of recirculating aquaculture systems including troubleshooting and repairing of systems and equipment. - Recommend and maintain the stock of required parts, tools, equipment and instruments. - Understand and interpret water chemistry reports and results and make recommendations on corrective actions to maintain water quality, water circulation and filtration systems. - Establishes and maintains equipment maintenance and systems records as required and generates necessary reports, budget requests and purchase order justifications. - Follow and maintain safety policies and procedures.

	<ul style="list-style-type: none"> - Maintain and clean work area. - Other duties as assigned. - Adheres to University and department policies, procedures, and regulations.
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	<ul style="list-style-type: none"> - Ability to work from discussions, directions, and drawings to conceptualize and construct complete systems using multiple skills. - Ability to fabricate structures and equipment as required using wood, fiberglass (FRP), PVC, CPVC, polyethylene, copper, glass, acrylic and related materials. - Ability to operate, program, troubleshoot, repair, balance and monitor the performance of large, industrial heating, ventilation, and air conditioning systems. - Have working knowledge of electrical systems and the ability to disconnect/reconnect pumps, motors and ballast. - Ability to provide technical support in the following disciplines: HVAC (heating, ventilation, and air conditioning), electrical, plumbing, machinery repair, carpentry and general fabrication - Ability to work a flexible schedule
Education & Experienced Required	<p>An Associate degree from an accredited community college, technical college, vocational school or university in biology, chemistry, aquaculture, fisheries, engineering, or related field.</p> <p>And</p> <p>Two (2) years of related work experience, One (1) years of which must have been directly related to the described duties.</p> <p>OR</p> <p>Graduation from a standard four-year high school or equivalent (GED or High School Equivalency Diploma);</p>

	<p>AND</p> <p>Three (3) years of related work experience, two (2) years of which must have been directly related to the described duties.</p>
Licenses and Certifications Required	
Physical Requirements	<p>While performing the duties of this job, the employee is regularly required to talk and hear. The employee is frequently required to use hands to finger objects, tools, or controls and perform repetitive motions with hands, wrists, or fingers. The position involves considerable physical exertion such as regular lifting of objects up to approximately 50 pounds with occasional lifting of objects up to approximately 80 pounds. The position involves walking, bending, standing, kneeling, climbing of ladders, and assuming awkward positions for long periods of time. Specific vision abilities required by the job include close vision, distance vision, color and peripheral vision, depth perception, and the ability to adjust focus</p>
Working Conditions	<p>While performing the duties of this job, the employee is exposed to weather conditions prevalent at the time. The position may involve periodic exposures to chemical substances.</p> <p>The noise level in the work environment is usually moderate.</p>
Salary	Salary Range \$38,000- 70,000
Respond To	To be considered for this job you must apply on the USM HR website quick link
	jobs.usm.edu/applicants/Central?quickFind=56998
Closing date	06/02/2017