

Position	Life Support Specialist
Facility	Dallas Zoo / Children's Aquarium at Fair Park
Location	Dallas, TX
Job Summary	Maintain the highest standard of water quality for the animal collection of DZM.
Essential Functions	Conduct inspections, preventive maintenance, and repair of LSS equipment. Monitor water quality and chemistry of aquatic exhibits. Ability to troubleshoot and repair all systems and equipment. Ability to use control systems to monitor and record data. Collect data and complete water chemistry analysis for all marine support systems in accordance with established timelines and procedures. Provides data interpretation of all water chemistry. Conduct daily rounds of all filtration areas to inspect pumps, motors, generators, chillers, air handlers and other filtration equipment. Plan and execute related projects which may include installation of new equipment. Replace, upgrade or refurbish existing systems. Maintain appropriate working knowledge of all life support systems throughout the zoo and children's aquarium so that the proper action can be taken to restore any abnormality. Required to update work order system (FMX) daily. Maintain all daily logs associated with all equipment. Recommend and maintain the stock of required spare parts, tools, and test instruments. Follow and maintain all safety policies and procedures. Perform other duties as assigned.
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	Must have the ability to diagnose and repair LSS equipment including but not limited to ozone generators, pumps, heat exchangers, air compressors, fractionators, UV Sterilizers, control systems, chemical injection, and filtration systems. Must be proficient in the use of proper testing equipment, hand tools and shop equipment. Must be proficient in pipe fitting utilizing PVC, copper and polyethylene tubing. Strong demonstrated knowledge of water chemistry and monitoring in an aquarium environment. The position involves considerable physical exertion, such as regular climbing of ladders, lifting of heavy objects (up to 75 pounds) on a highly frequent basis and/or assuming awkward positions for long periods of time. Must have a valid Texas driver's license and reliable transportation. Must be able to work nights, weekends, holiday, and have a flexible schedule.
Education & Experienced Required	Must have a high school diploma or GED. Candidates must have a minimum of two years' experience operating and maintaining aquatic life support systems, a municipal water treatment plant, or a waste water treatment plant.
Licenses and Certifications Required	Must have a CPO, an AALSO certification is preferred.
Physical Requirements	
Working Conditions	While performing the duties employee is regularly exposed to wet or humid conditions; work near moving mechanical parts; work in high, precarious places; underground vaults; outdoor weather conditions. The employee can be exposed to fumes; airborne particles; moderate to loud noise levels.
Salary	
Respond To	Questions: email Laura Wandel at Laura.Wandel@dallaszoo.com Apply: https://www.dallaszoo.com/careers/zoo-openings/?p=job%2FombFbfw7