

Position	Aquatic Life Support Maintenance Worker
Facility	Oregon Zoo
Location	Portland, OR
Job Summary	The Oregon Zoo is hiring an Aquatic Life Support Maintenance Worker. This position performs preventive maintenance, corrective maintenance, problem solving, water quality testing and monitoring, construction of new aquatics systems and operations/functions involving mechanical, plumbing and piping, and troubleshooting electrical as required to maintain Zoo operations. The focus of this position is aquatic life support.
Essential Functions	<p>Consults with supervisors, vet staff and animal keepers as necessary to develop concepts, problem solve and determine the requirements of each job; prepares rough working drawings, estimates materials and parts needed, also works with animal keepers on animal care and guest service requirements. Communicates with zoo guests and others while working on jobs regarding projects and plans; provides directions and other information and performs guest service functions such as assisting lost children, missing persons or emergency services. Safely works around electrical equipment. Installs valves, drains, faucets and piping that are part of life support systems in buildings. Repairs fixtures, cutting, gluing and the threading of pipe, bending pipe and testing valves and other equipment; cleans basins, skimmers and unplugs pipes. Uses and operates a variety of hand and power tools and equipment requiring specific skill, including power saws and plumbing wrenches for ozone and water testing and calibration of sophisticated equipment. Operates forklifts, golf carts, and pallet jacks. Operates power and hand tools, etc. Performs or oversees repairs and performs preventive maintenance duties such as repairs on water and waste water plumbing, piping, filtration and mixing systems, and sterilization equipment, hydraulic systems, generators, pumps, air driers, compressors, ozone equipment, chlorinators, protein fractionators, sand filters. Compiles data for reports on water quality, preventive maintenance or procedures. Assists the public, public officials and other employees in a professional and courteous manner. Develops safe work habits and contributes to the safety of self and co-workers. Contributes to a positive team atmosphere. Has regular and punctual attendance. Performs assigned duties during an emergency situation. Performs related duties as assigned.</p>
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	<p>Knowledge of Service, repair and installation of ozone generators, UV sterilizers, compressors, rapid sand filters, foam fractionators, centrifugal pumps or similar equipment Concepts such as total dynamic head, foam fractionation, sterilization/disinfection techniques, and mechanical/biological/chemical filtration Water quality monitoring and chemical augmentation as it pertains to maintaining complex life support system operations for marine mammals, fishes, invertebrates and water features a plus Occupational hazards involved and the safety precautions necessary in the area of specific assignments. Skill to Locate and analyze problems and performing corrective action, work from</p>

penciled sketches, blueprints and written instructions Operate a personal computer and associated software, radios and cell phones Work with animal keepers, vet staff, and maintenance staff to plan projects from concept and problem solving through project designs and completion. Listening skills a high priority. Must be able to follow direction of the Service Supervisor and LSS. Ability to Estimate materials and parts required Read and interpret rules, regulations and codes, supervise unskilled or semi-skilled workers when assigned as a helper Perform the essential functions of the position, including heavy manual labor for extended periods, lifting up to 50 lbs and often working in inclement weather conditions Work around exotic and sometimes dangerous animals, and to react quickly to hazardous conditions Establish and maintain effective working relationships with other employees. be meticulous in the clean-up of work areas and/or within animal exhibit areas Respond to emergencies such as assisting with lost children or missing persons perform Maintenance Worker 2 duties in specific area of assignment Apply federal, state and local policies, procedures, laws and regulations for respective field use discretion with confidential and sensitive matters Provide excellent customer service by meeting the needs and interacting with employees, volunteers, vendors, the public, and others encountered during the course of work in a courteous and professional manner Establish and maintain cooperative working relationships with employees, volunteers, vendors and others encountered during the course of work Work in a safe manner and follow Metro, OSHA and all applicable safety policies, practices and procedures Perform the assigned duties of the position Fulfill Metro's employee values of public service, excellence, teamwork, respect, innovation and sustainability.

Education & Experienced Required

Three or more years of experience with life support systems operations and maintenance or equivalent experience in water/wastewater treatment or pool/spa operations and maintenance; experience must include service, repair and installation.

Licenses and Certifications Required

Possession of, or the ability to obtain upon hire, and maintain a valid driver's license. Must complete online OSHA Confined Space Entry - Permit Required & Non-permit certification course within 6 months of hire

Physical Requirements**Working Conditions**

Adverse conditions include prolonged strenuous efforts in hazardous locations, contaminated areas, enclosed spaces, at heights, under inclement weather and other adverse conditions.

Salary

Pay range for Maintenance Worker II: Entry rate: \$26.29; 6 months: \$27.93; 18 months: \$29.65; 30 months: \$31.47; 42 months: \$33.43/hour

Respond To

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Closing date

09/09/2021