

<b>Position</b>	Mechanical Systems Operator
<b>Facility</b>	Vancouver Aquarium
<b>Location</b>	Vancouver, BC Canada
<b>Job Summary</b>	Reporting to the Manager, and Assistant Manager / Facilities Operations, the Mechanical Systems Operator is responsible for the construction, operation and maintenance of animal habitats and life support systems, building HVAC, water/sewer, natural and propane gas, and control systems. The Mechanical Systems Operator performs general mechanical maintenance and repairs in conjunction with animal husbandry employees and related departments.
<b>Essential Functions</b>	The Mechanical Systems Operator is responsible (in conjunction with other team members) to carry out all day to day operations of all larger scale animal LSS. In addition, this individual is responsible for the building physical plant (HVAC), including boilers, chillers and air-handling / domestic water systems.
<b>Other Duties and Responsibilities</b>	Continually improving our impact on the environment and greening of operations through support of EMS protocols; Maintaining and supporting organizational safety standards; Abiding by all organizational policies and procedures; Performing other duties of a similar nature or level.
<b>Knowledge, Skills and Abilities</b>	Operating, backwashing and cleaning life support filtration and building equipment; Maintaining, troubleshooting and repairing mechanical and minor electrical systems related to the animal life support systems, and animal habitats, water/sewer, HVAC and building systems; fire alarms; Draining and re-filling pools and reservoirs to facilitate maintenance and repairs; Assist with removing, dismantling, cleaning, repairing and reassembling filters and related filtration equipment; Monitoring water quality in main animal life support systems for temperature, salinity, pH, chlorine levels, clarity and other water quality parameters as per aquarium standards; Constructing animal habitats and life support systems; Collecting and recording operational data. Maintaining service records; Maintaining cleanliness of workshop and other working areas; Performs additional duties as required.
<b>Education &amp; Experienced Required</b>	Experience with Aquatic Animal Life Support preferred; 3+ years of plant (including LSS) operation or equivalent trade experience in one or more of the following disciplines or related trades - Millwright, Power Engineer, HVAC, Mechanic, Water Treatment Operator, Certified Pool Operator, Plumbing; Prior experience in the following skills: mechanical equipment operation, commercial filtration equipment, welding, machining, fabrication; WHMIS and TDG training considered an asset (training provided if required); Fall Protection training considered an asset (training provided if required); Use of stationary and mobile aerial work platforms an asset (training provided if required); Confined Space Entry training or the ability to complete and pass training considered an asset (training provided if required); Experience and skill using standard hand and power tools
<b>Licenses and Certifications Required</b>	AALSO level 2 certification or greater desirable. Fork lift / power pallet jack operation experience helpful. Advanced SCUBA certification is a plus
<b>Physical Requirements</b>	Be willing to climb / crawl, and be wet / dirty when needed. Be able to lift / carry 50 lbs on a regular basis.
<b>Working Conditions</b>	Must be willing to work in cool / cold, wet working environment when called upon. Most all of our plant room spaces have moderate to high ambient noise levels. Ozone generators, and Chlorine is present
<b>Salary</b>	To be determined

<b>Respond To</b>	Victor Aderholt, Manager of Facilities Operations victor.aderholt@ocean.org
<b>Closing date</b>	06/04/2020

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