

<b>Position</b>	Mechanical Systems Operator
<b>Facility</b>	Vancouver Aquarium
<b>Location</b>	Vancouver
<b>Job Summary</b>	Reporting to the Director, 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>	KEY ACCOUNTABILITIES Responsible for the general operation and maintenance of the various mechanical and life support systems by: 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. Consciously improves the overall organization and its processes by: 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>Other Duties and Responsibilities</b>	
<b>Knowledge, Skills and Abilities</b>	
<b>Education &amp; Experienced Required</b>	QUALIFICATIONS Education and Experience: Experience with Aquatic Animal Life Support preferred; 3+ years of plant 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. Skills Excellent problem solving and troubleshooting skills with machinery and engineering systems; Strong written and verbal communication skills in order to comprehend detailed instructions in English; Strong internal customer service skills and demeanor to work in a public setting; Ability to work in a team and self-direct with minimal supervision; Basic working knowledge of Microsoft computer software (e.g. Excel, Word, etc.) and email.
<b>Licenses and Certifications Required</b>	
<b>Physical Requirements</b>	

**Working Conditions**

Working Conditions Ability to safely lift and carry up to 40 Kg on a daily basis; Standing while performing most duties; This is a physically demanding job that requires physical stamina, strength, full flexibility, and mobility; Exposure to hazards substances that require regular use of Personal Protective Equipment including but not limited to properly fitted respirators, eye and ear protection, gloves, coveralls, hard hat, harness etc.; Completion of Occupational Health & Safety training as assigned to perform duties; Must be available to respond to emergencies outside of scheduled hours on a rotating basis; Must be flexible with shift changes including rotations, weekends, evenings and holidays; Must be comfortable to work in close proximity to animals; Frequent exposure to wet, humid, hot or cold environments, slippery and uneven surfaces; Exposure to noisy environments requiring ear protection; Working with or in close proximity to machinery in an industrial environment; Occasional work in confined spaces (Confined Space Entry training provided); Occasional use of SCBA (Self Contained Breathing Apparatus training provided); Occasional work at heights above 10' (Fall Protection training provided).

**Salary****Respond To****Closing date**

06/30/2020

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