

Position	Mechanical Systems Operator
Facility	Vancouver Aquarium
Location	Vancouver
Job Summary	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.
Essential Functions	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.
Other Duties and Responsibilities	
Knowledge, Skills and Abilities	
Education & Experienced Required	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.
Licenses and Certifications Required	
Physical Requirements	

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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