Under the direction of the Facilities Manager, and supervision of the Pump and Filtration Assistant Technician, this position is responsible for assisting with the maintenance and upgrade of the pump and filtration system throughout the facility. The Pump and Filtration Assistant Technician may also be called upon to support other areas of the Facilities Department including, but not limited to, snow removal, carpentry, equipment maintenance and repair, and other related areas of the construction field.

**RESPONSIBILITIES:**
- Assists the Pump and Filtration Technician in facilitating the maintenance of all pump and filtration systems including diagnosis, troubleshooting, evaluating and repair.
- Performs preventative maintenance, adjustments, and basic repairs on pump and filtration systems. (Ex. cleaning of strainer baskets, ensuring proper pressure on all gauges consistently, scheduling media replacement back washing, lubes and grease.)
- Performs major component replacement and emergency repair work, as needed (i.e. valves, gauges, pumps, motors, piping, and media replacement).
- Ensures proper care in the use and maintenance of equipment, supplies related to pump filtration and safety procedures.
- Lubricate all moving parts and bearings pertaining to equipment related to pump filtration system.
- Receives and complete work orders pertaining to the maintenance, construction and repair of all pump and filtration systems.
- Implement and understand the proper and safe usage of all hand and power tools.
- Clean up of facilities shop and surrounding areas.
- Participate in snow and ice removal.
- This position is considered essential. Should there be severe weather or a zoo emergency, the person in this position is expected to respond accordingly.
- Understand and follow all Zoo policies and procedures as described in the Team Handbook and in posted policies.
- Perform other duties as assigned or directed in order to meet the mission and objective of the Zoo.
- Assist with:
  - the maintenance and repair of Zoo buildings including, but not limited to fencing, hardware, doors, roofing, storm drains and sewers.
  - painting the interior and exterior of all new and existing facilities and structures.
  - construction and maintenance of animal holding areas (non-exhibit areas).
  - various Operations department tasks or projects.
o emergency response for crowd control and zoo evacuation during emergency recovery situations.

**CRITERIA**

*Experience and Education*

High school diploma plus a minimum of one-year experience in plumbing, water quality, filters, and pumps or related field; or equivalent combination of education and/or experience. Prior experience with carpentry role, filtration systems as related to pools or aquariums are preferred.

*Skills and Aptitudes*

- Proficient in plumbing with an understanding of theories, designs and techniques.
- Experience with or knowledge of:
  - various facilities equipment, materials, supplies, building automation equipment, and operations of computerized controls, particularly related to pump and filtration systems.
  - Familiarity with RCK Controls preferable.
  - Use of quality water testing equipment.
  - reading and comprehending maintenance manuals, prints and drawings.
  - local and state plumbing codes.
- Ability to:
  - read plans, interpret information and implement into construction of animal and non-animal structures,
  - communicate and work effectively with the public in high contact areas.
- Cooperative attitude and highly detailed.
- Highly organized and able to work with minimum supervision.
- Excellent verbal and written communication skills.

*Additional Requirements:*

- Successful completion of a background check.
- Valid state driver’s license.
- Ability to:
  - be on call for Zoo emergencies including severe weather conditions,
  - work outdoors under various weather conditions,
  - work flexible work schedule, including occasional weekends and holidays.
  - Frequently required to lift and/or move up to 50lbs.
  - Often requires working in confined spaces
  - May be required to operate various machinery: snow blowers, plows and two way radio.

Interested candidates are encouraged to send a cover letter and resume to:

Roger Williams Park Zoo

**ATTN: Pump & Filtration Assistant Technician**

1000 Elmwood Ave
Providence, RI 02907

-or-

employment@rwpzoo.org