

The Stationary Engineer is responsible for the safe and efficient performance of the building's HVAC, building controls, electrical, fire protection, and plumbing systems. The engineer understands how the building's systems work and pro-actively identifies and solves problems to maintain safety, cost and energy efficiencies, and proper performance of building systems.

Job title: Stationary Engineer

Department: Facilities

Work Location: On site - East Liberty Presbyterian Church

Salary information: \$54,950 - \$63,330

Reports to: Director of Facilities

Full-time

Non-Exempt

Essential Functions and Responsibilities:

Facility HVAC System

- Provide a safe and comfortable environment within the building's performance design standards and observant of renovation sustainability objectives.
- Operate and maintain the church's radiant steam heating system, including the two boilers and distribution piping, radiators, and controls.
- Operate and maintain the church's exhaust fan systems.
- Operate and maintain the HVAC system in an efficient and sustainable manner, including pumps, chillers, and air handlers (DOAS), ancillary equipment and distribution ductwork.
- Monitor building conditions electronically to identify any problems in system performance. Maintain and recalibrate meters and sensors to support the control system.
- Ensure that building conditions stay within engineered range by trouble-shooting problems and alert the Director of Facilities to any problems that cannot be promptly solved.
- Support vendors that install and warrant any equipment.

Facility Plumbing System

- Ensure quality and sufficiency of potable water for building occupants and equipment.
- Maintain supply water lines, gas lines, and the sanitary and stormwater sewer systems.
- Maintain plumbing fixtures, valves, and back flow preventers in good working order.
- Maintain plumbing equipment, including domestic hot water boilers, water softener, water treatment tank, expansion tank, three sump pump systems, condensate tank and pump, vacuum pump, and other pumps and tanks.
- Respond promptly to localize any breaks with appropriate shut-off valves.
- Perform daily water testing for the steam heating system for hardness, nitrate pH, and conductivity and make adjustments to chemical levels as needed.
- Consult with the chemical engineer who provides the necessary information for chemicals used to treat the boiler water.
- Maintain record of water quality.

Facility Electrical System

- Regularly inspect the main switchboard and distribution panels, pneumatic controls, thermostats, and lighting and fan controls.
- Identify and arrange for prompt repair of any electrical problems.
- Maintain safe operation of all elevators including safety inspections.

- Regularly inspect building's life safety systems and fire extinguishers to make sure they are in good working order at all times.
- Perform annual arc flash testing, infrared scanning, and other maintenance for electrical equipment.
- Operate and maintain new tower lighting and site lighting to meet ELPC's goals. Make repairs and change lightbulbs as needed. Maintain and manage lighting control systems.

Facility Equipment

- Ensure that building equipment is kept in good working order, including emergency backup generator, main air compressor, air dryer, and sanctuary organ blower room climate control system.
- Perform regular maintenance on equipment including changing belts, filters and lubrication. Maintain a log for all systems and equipment preventive maintenance and repair.
- Maintain and program the church bell.
- Keep kitchen appliances, including dishwasher, ice machine, coffee machines, range, cooler, and freezer, in good working order.
- Maintain kitchen and bathroom exhaust fans.
- Make general building repairs, equipment repairs, and minor electric and plumbing repairs.
- Change lights bulbs when needed.

Exterior Property Maintenance

- Maintain the church's exterior property in good condition
- Clean window wells and outside drains
- Operate and maintain Ventrac tractor
- In collaboration with the Floor Supervisor, keep the parking lot and sidewalks free of snow and ice
- Maintain snowmelt systems for Highland Avenue entrance
- Ensure that tower lights, exterior lights, and signs function properly
- Program outside lighting when changes are required

Other Responsibilities

- Manage and inspect services rendered by the contractors or tradespeople to ensure they fulfill contract requirements and meet the City of Pittsburgh safety and building code requirements
- Sign off as appropriate on the completion of work by outside contractors.
- Attend training for new systems or system enhancements
- Perform other duties as assigned

Position Requirements and Qualifications:

The Stationary Engineer (or his/her designee) is on 24-hour call including weekends, vacations, and holidays. The Stationary Engineer is also a first responder and must be able to set and reset the fire alarm and safety systems.

- Must be a licensed power engineer. The license must be renewed annually by the City of Pittsburgh. Documentation must be submitted annually to the Director of Facilities to show that the license has not lapsed. This documentation shall be kept for the license period in church files.
- High school diploma or equivalent

- At least five years of experience running a steam heating system, operating both contemporary and older building systems, and performing as a building engineer.
- Submit and clear a “Request for Criminal Record Check” and “Pennsylvania Child Abuse History Clearance” as well as any additional screening needed per ELPC’s Child Safety policies

Competencies:

- Promoting Equity, Diversity, and Inclusion
- Able to supervise and motivate others to perform tasks as needed, including contractors and consultants.
- Problem solver
- Collegial, flexible, self-motivated, and respectful of colleagues, tradespersons, consultants, and those using our church building
- A strong faith and character, personal and professional integrity, and a sincere commitment to building significant relationships with the church and community at large.

Physical Requirements:

- Ability to perform the essential job functions consistently and safely.
- The usual and customary methods of performing the job’s functions require the following physical demands: significant lifting of at least 50 pounds; carrying, pushing, and/or pulling; climbing and balancing; stooping, kneeling, crouching, and/or crawling; and significant fine finger dexterity. The job is typically performed under minor inside temperature variations, outside winter weather, and other conditions with some exposure to risk of injury and/or illness.
- Take reasonable care for the health and safety of oneself and other persons who may be affected by one’s acts or omissions at work and at all times with its legal duties regarding health, safety, and welfare matters.
- In coordination with the Director of Facilities, develop and ensure compliance with applicable rules, regulations, and guidelines for safety procedures and protocols, including handling of hazardous materials and equipment, workplace injury, illness prevention, and environmental health and safety.

Disclaimers:

East Liberty Presbyterian Church is an equal opportunity affirmative action employer. All qualified applicants will receive consideration without regard to race, religion, color, gender, age, national origin, ancestry, disability, or sexual orientation.

As a church community, we strive for racial justice and peace. ELPC expects all of our employees to condemn systemic racism and speak out against any racist practices found in the workplace. Each of us plays a part in this process. This is a zero-tolerance policy and this statement applies to all employees and applicants for employment and contractors.

Please send Stationary Engineer resumes and cover letter to: East Liberty Presbyterian Church, Director of Operations, 116 S. Highland Avenue, Pittsburgh, PA 15206