

*South Essex Sewerage District*  
**Lead Instrumentation / Electrical Technician**  
Salem, MA

The South Essex Sewerage District, a wastewater treatment plant located at 50 Fort Avenue in Salem, MA, seeks qualified applicants for the position of **Lead Instrumentation / Electrical Technician**.

**Annual Pay Rate: \$63,548.01 to \$78,666.40**

(Starting pay commensurate with qualifications and experience.)

**Recommended Minimum Qualifications | Education and Experience**

High school graduation, or equivalent, and advanced technical training with engineering and electronics highly desirable; six to eight years electrical experience, of which three to four years should be in three-phase, 480-volt or higher, and three to five years in industrial; or an equivalent combination of education and experience. **Special Requirements:** Massachusetts Journeyman Electrician's License; Massachusetts Driver's License; Massachusetts Wastewater Operators License Desirable.

**Essential Functions**

*The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is related, or a logical assignment to the position.*

- Inspects, repairs, and maintains instrumentation, electrical, electrical/mechanical, and/or electronic operating and control systems, equipment, and fixtures, including power, lighting, heating and cooling systems.
- Provides support to the instrumentation/electrician technician(s), including hands-on leadership, advice and experience, manufacturer, vendor and supplier information, code requirements, and information about replacement parts and tools.
- Inspects, repairs, and installs new wiring outlets, panels, and meters. Installs new electrical, instrumentation and electronic equipment.
- Performs preventive maintenance, calibration and repair work on pneumatic and electrical instruments, controls, and computer-based controls, such as PLCs and logic controllers.

- Disassembles, cleans, repairs, assembles, calibrates, adjusts, and returns to service pneumatic and electronic controllers, sensors, and transmitters; checks instruments for proper functioning while in operation.
- Adjusts, repairs, and calibrates metering pumps and equipment.
- Adjusts speed control equipment for proper operation.
- Following installation, sets up new or rebuilt equipment. Troubleshoots and isolates instrument and control malfunctions and failures.
- Consults with supervisor and/or manufacturer's representative on difficult repairs.
- Performs other highly specialized maintenance as directed. May be required to register/supervise an electrical apprentice.
- Prepares labor and materials estimates. Assists in keeping maintenance records. Provides limited supervision to the Instrumentation/electrical technician(s). Performs high voltage switching and coordinates switching in the absence of the Instrumentation/Electrical Specialists. Cleans work area after repairs.

To obtain the application information and submittal requirements package for the position, please contact Pamela Geiser at (978)744-4550 x213, by email at [pgeiser@sesd.com](mailto:pgeiser@sesd.com), or by visiting our website: <https://www.sesd.com/careers/>. The District has a comprehensive and competitive benefits package. Equal Opportunity Employer.